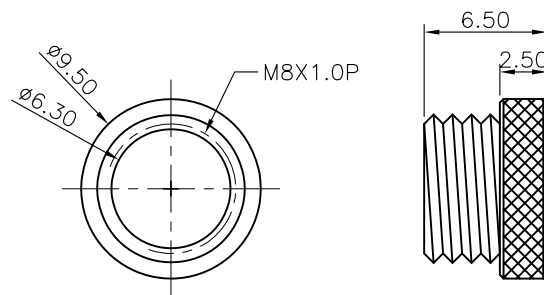
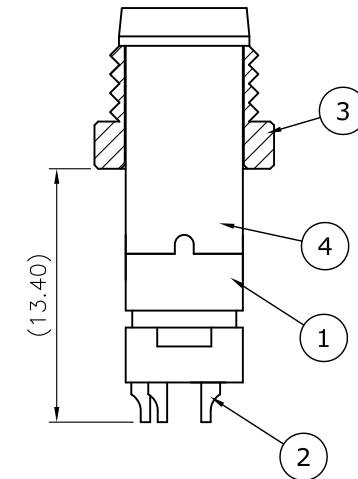
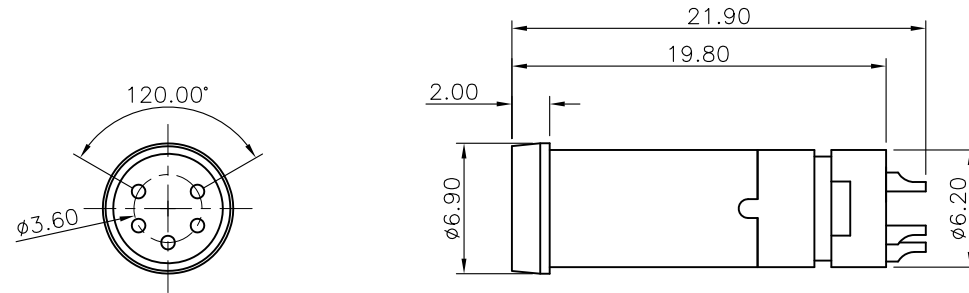


| REV. | DESCRIPTION     | DRAWN | DATE       |
|------|-----------------|-------|------------|
| 1    | INITIAL RELEASE | TIM   | 2017/04/28 |
| 2    | ECR220421002    | Fros  | 2022/04/21 |

# SPECIFICATION:

1. CURRENT RATING: 1.5A
2. VOLTAGE: 30VAC/DC
3. WATER PROOF: IPX7
4. OPERATION TEMPERATURE: -40°C TO +85°C

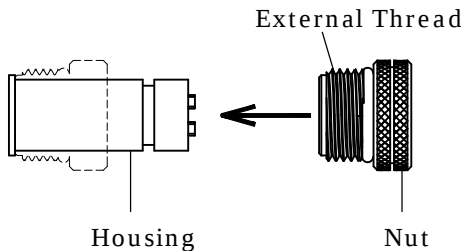
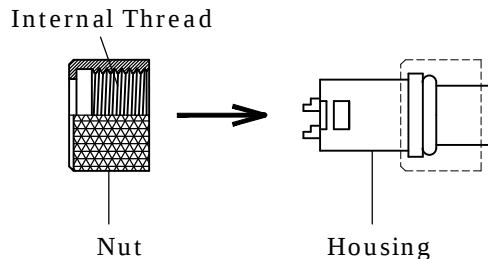
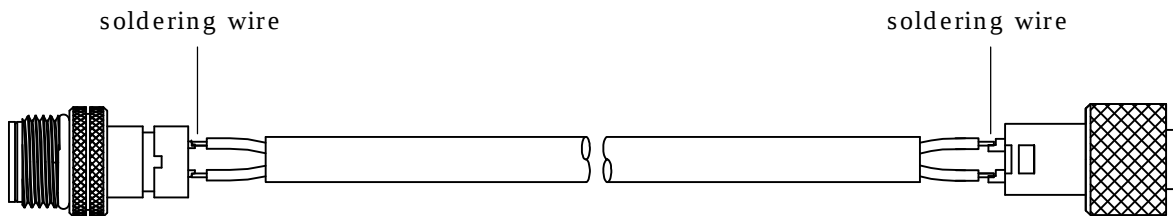
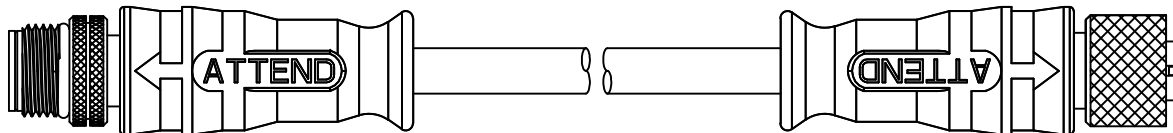


NUT

|                                                                                                     |                |                                 |                                                                              |           |                |
|-----------------------------------------------------------------------------------------------------|----------------|---------------------------------|------------------------------------------------------------------------------|-----------|----------------|
| 4                                                                                                   | SHELL          | Brass, Nickel plating           |                                                                              |           |                |
| 3                                                                                                   | NUT            | Brass, Nickel plating           |                                                                              |           |                |
| 2                                                                                                   | CONTACT        | Brass, Gold plating over Nickel |                                                                              |           |                |
| 1                                                                                                   | HOUSING        | PBT, UL94V-0, Black             |                                                                              |           |                |
| NO                                                                                                  | PART NAME      | DESCRIPTION                     |                                                                              |           |                |
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                                |                |                                 |                                                                              |           |                |
| UNIT:                                                                                               | DECIMAL        | LINEAR                          | ANGLES                                                                       |           |                |
| mm                                                                                                  | X.             | ±0.50                           | ±5°                                                                          |           |                |
|                                                                                                     | X.X            | ±0.25                           | ±3°                                                                          |           |                |
|                                                                                                     | X.XX           | ±0.12                           | ±1°                                                                          |           |                |
|  <b>ATTEND</b> |                |                                 |                                                                              |           |                |
| WWW.ATTEND.COM.TW                                                                                   |                |                                 |                                                                              |           |                |
| DRAWN                                                                                               | Tim            | 2017/04/28                      | DRAWN NAME:<br>M8 A-Code Plug for Cable<br>5Pin Male For Overmold with Cable |           |                |
| CHECKED                                                                                             | Fros           | 2017/04/28                      |                                                                              |           |                |
| APPROVED                                                                                            | Ken            | 2017/04/28                      |                                                                              |           |                |
|                | SCALE<br>2.5/1 | SHEET<br>1/1                    | SIZE<br>A4                                                                   | FILE NAME | 219A-05MO0_B_2 |
|                                                                                                     |                |                                 |                                                                              |           |                |



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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|--------|------------|--|------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------|--|-------|------|--------------------------------------|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------|--|--|--|-------|--|---------|--------|--------|--|--|--|-----|----|-------|--|-----|--|--|--|-----|-------|--|-----|--|--|--|------|-------|--|-----|--|--|--|-------|--|-----|--|------------|--|-------------|--|--|--|--|--|---------|--|------|--|------------|--|---------------------------------------|--|--|--|--|--|----------|--|-----|--|------------|--|--------------|--|--|--|--|--|---------------------------------------------------------------------------------------|--|-------|-------|------|--|-------------|--|-----------|--|--|--|--|-----|----|--|--|--|-----------------|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |         |        |            |  |                                                                                    | REV. | DESCRIPTION                                                                                  |  | DRAWN | DATE |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| 1. Setting Connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |         |        |            |  |  |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| Male Connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |         |        |            |  | Female Connector                                                                   |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| 2. Wire Processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| 3. Overmolded Cable Assemblies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| <table><tr><td colspan="8">UNLESS OTHERWISE SPECIFIED TOLERANCE</td><td colspan="4" rowspan="5"> ATTEND</td></tr><tr><td colspan="2">UNIT:</td><td>DECIMAL</td><td>LINEAR</td><td colspan="4">ANGLES</td></tr><tr><td rowspan="3">m m</td><td>X.</td><td colspan="2">±0.50</td><td colspan="4">±5°</td></tr><tr><td>X.X</td><td colspan="2">±0.25</td><td colspan="4">±3°</td></tr><tr><td>X.XX</td><td colspan="2">±0.12</td><td colspan="4">±1°</td></tr><tr><td colspan="2">DRAWN</td><td colspan="2">Tim</td><td colspan="2">2025/02/25</td><td colspan="6">DRAWN NAME:</td></tr><tr><td colspan="2">CHECKED</td><td colspan="2">Fros</td><td colspan="2">2025/02/25</td><td colspan="6">M Series For Male Cable Overmold Type</td></tr><tr><td colspan="2">APPROVED</td><td colspan="2">Ken</td><td colspan="2">2025/02/25</td><td colspan="6">Design Guide</td></tr><tr><td colspan="2" rowspan="2"></td><td>SCALE</td><td>SHEET</td><td colspan="2">SIZE</td><td colspan="2">PRODUCT NO.</td><td colspan="4">FILE NAME</td></tr><tr><td></td><td>1/1</td><td colspan="2">A4</td><td colspan="2"></td><td colspan="4">M Series MO0_DG</td></tr></table> |      |         |        |            |  |                                                                                    |      |                                                                                              |  |       |      | UNLESS OTHERWISE SPECIFIED TOLERANCE |  |  |  |  |  |  |  |  ATTEND |  |  |  | UNIT: |  | DECIMAL | LINEAR | ANGLES |  |  |  | m m | X. | ±0.50 |  | ±5° |  |  |  | X.X | ±0.25 |  | ±3° |  |  |  | X.XX | ±0.12 |  | ±1° |  |  |  | DRAWN |  | Tim |  | 2025/02/25 |  | DRAWN NAME: |  |  |  |  |  | CHECKED |  | Fros |  | 2025/02/25 |  | M Series For Male Cable Overmold Type |  |  |  |  |  | APPROVED |  | Ken |  | 2025/02/25 |  | Design Guide |  |  |  |  |  |  |  | SCALE | SHEET | SIZE |  | PRODUCT NO. |  | FILE NAME |  |  |  |  | 1/1 | A4 |  |  |  | M Series MO0_DG |  |  |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |         |        |            |  |                                                                                    |      |  ATTEND |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| UNIT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | DECIMAL | LINEAR | ANGLES     |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| m m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | X.   | ±0.50   |        | ±5°        |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | X.X  | ±0.25   |        | ±3°        |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | X.XX | ±0.12   |        | ±1°        |  |                                                                                    |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| DRAWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | Tim     |        | 2025/02/25 |  | DRAWN NAME:                                                                        |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| CHECKED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | Fros    |        | 2025/02/25 |  | M Series For Male Cable Overmold Type                                              |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
| APPROVED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | Ken     |        | 2025/02/25 |  | Design Guide                                                                       |      |                                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | SCALE   | SHEET  | SIZE       |  | PRODUCT NO.                                                                        |      | FILE NAME                                                                                    |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |         | 1/1    | A4         |  |                                                                                    |      | M Series MO0_DG                                                                              |  |       |      |                                      |  |  |  |  |  |  |  |                                                                                              |  |  |  |       |  |         |        |        |  |  |  |     |    |       |  |     |  |  |  |     |       |  |     |  |  |  |      |       |  |     |  |  |  |       |  |     |  |            |  |             |  |  |  |  |  |         |  |      |  |            |  |                                       |  |  |  |  |  |          |  |     |  |            |  |              |  |  |  |  |  |                                                                                       |  |       |       |      |  |             |  |           |  |  |  |  |     |    |  |  |  |                 |  |  |  |