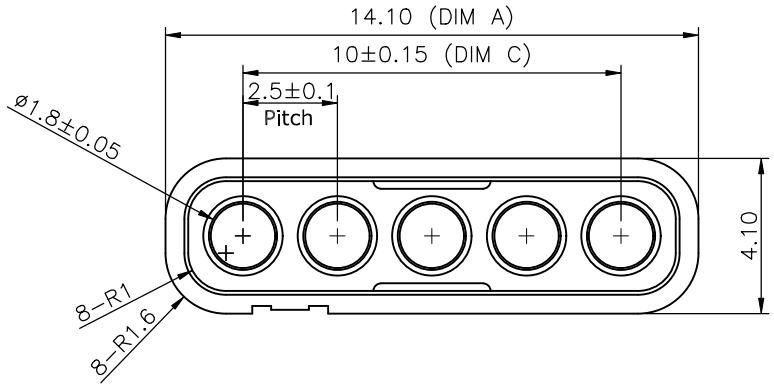
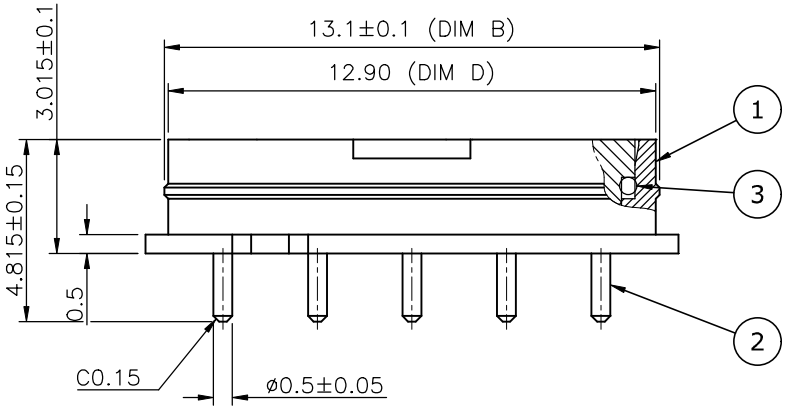
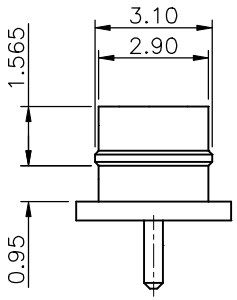
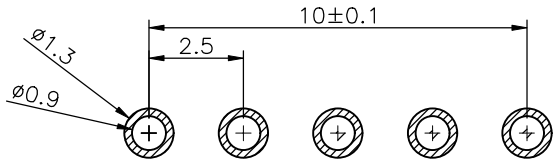
REV.	DESCRIPTION	DRAWN	DATE
2	Add section view	FROS	2019/05/15
3	Add oring	FROS	2025/01/06
4	ADD P/N	FROS	2025/04/09









Recommended Layout
General Tolerance:±0.05mm

SPECIFICATION:

1. ELECTRICAL
1.1 Current Rating: 3A per pin
1.2 Voltage Rating: 24V AC/DC
1.3 Contact Resistance: 50mΩ
1.4 Insulation Resistance: 100MΩ
1.5 Dielectric Withstanding Voltage: 500VAC

2. MECHANICAL
2.1 Durability: 20,000 Cycles

3. ENVIRONMENTAL
3.1 Operating temperature range: -40°C~+85°C
3.2 Storage temperature range: -40°C~+85°C
3.3 Waterproof Level: IPX7

4. SOLDER ABILITY
4.1 Peak Temperature: 250°C, 10Sec

How to Order

303C- C 30 18 - 25 - XX

- C: Contact Pin Height
- 30: Housing
- 18: Contact Diameter
- 25: Pitch
- XX: Pin Count

DIM. CODE				
PIN	A	B	C	D
2	6.6	5.6	2.5	5.4
3	9.1	8.1	5.0	7.9
4	11.6	10.6	7.5	10.4
5	14.1	13.1	10	12.9
6	16.6	15.6	12.5	15.4
7	19.1	18.1	15.0	17.9
8	21.6	20.6	17.5	20.4
9	24.1	23.1	20.2	22.9
10	26.6	25.6	22.5	25.4

NO.	PART NAME	DESCRIPTION
3	O-Ring	Silicone Rubber
2	Contact Pin	Brass, 30u" Gold/ 120u" Nickel Plating
1	Housing	PPA 30%GF, UL94HB, Black

UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

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DRAWN	Fros	2016/03/30
CHECKED	Amy	2016/03/30
APPROVED	Ken	2016/03/30

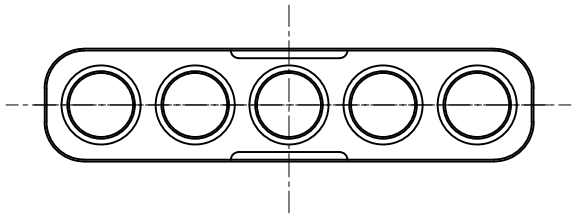
DRAWN NAME: Pogo Pin Water Proof Contact Type 5 Pin H3.0 Pitch 2.5 DIP w/o Cap, 30u"

SCALE	SHEET	SIZE
5/1	1/1	A4

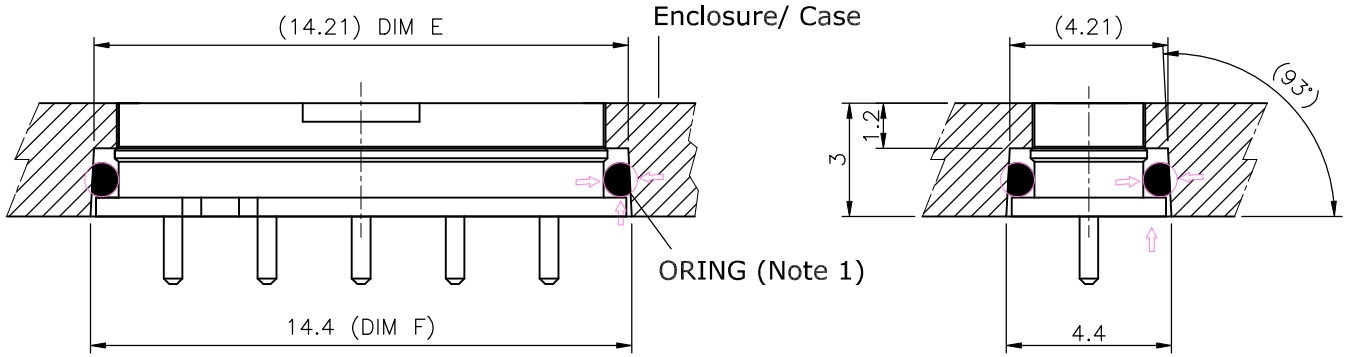
PRODUCT NO. 303C-C3018-25-05
FILE NAME 303C-C3018-25-05_B_4

REV.	DESCRIPTION	DRAWN	DATE

Installation suggestions : Type 1



DIM. CODE		
PIN	E	F
2	6.71	6.9
3	9.21	9.4
4	11.71	11.9
5	14.21	14.4
6	16.71	16.9
7	19.21	19.4
8	21.71	21.9
9	24.21	24.4
10	26.71	26.9



UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

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DRAWN	Fros	2016/03/30
CHECKED	Amy	2016/03/30
APPROVED	Ken	2016/03/30

DRAWN NAME: Pogo Pin Water Proof Contact Type 5 Pin H3.0 Pitch 2.5 DIP w/o Cap, 30u"

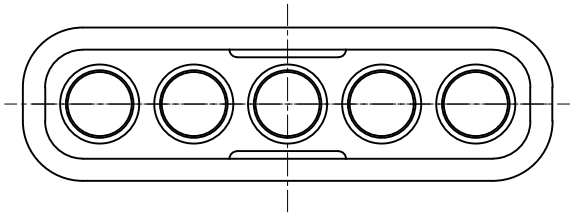
SCALE	SHEET	SIZE
5/1	1/1	A4

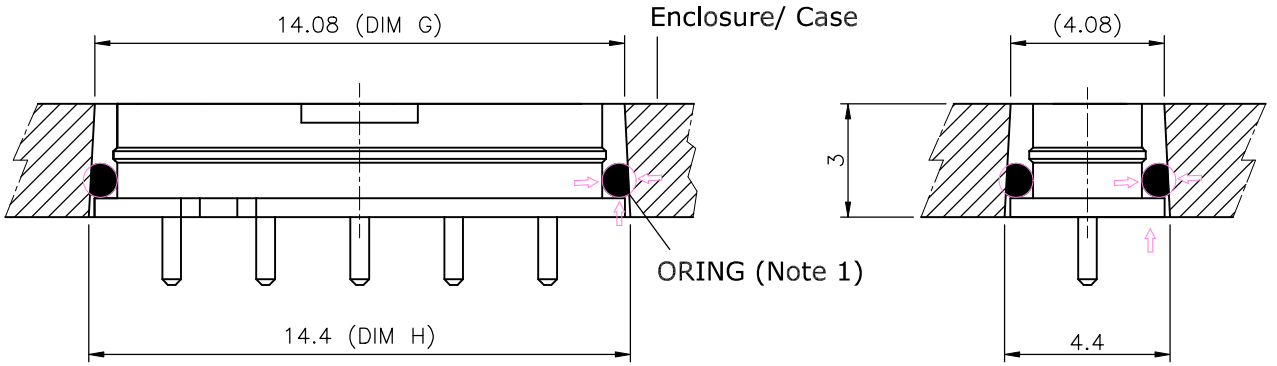
PRODUCT NO.	303C-C3018-25-05
FILE NAME	303C-C3018-25-05_B_4

REV.	DESCRIPTION	DRAWN	DATE

Installation suggestions : Type 2

DIM. CODE		
PIN	G	H
2	6.58	6.9
3	9.08	9.4
4	11.58	11.9
5	14.08	14.4
6	16.58	16.9
7	19.08	19.4
8	21.58	21.9
9	24.08	24.4
10	26.58	26.9





UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

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DRAWN	Fros	2016/03/30
CHECKED	Amy	2016/03/30
APPROVED	Ken	2016/03/30

DRAWN NAME: Pogo Pin Water Proof Contact Type 5 Pin H3.0 Pitch 2.5 DIP w/o Cap, 30u"

SCALE 5/1	SHEET 1/1	SIZE A4	

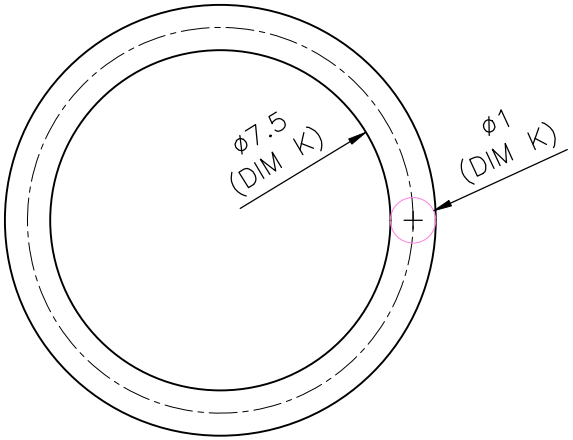
PRODUCT NO.	303C-C3018-25-05
FILE NAME	303C-C3018-25-05_B_4

REV.	DESCRIPTION	DRAWN	DATE

Note 1:

Oring P/N: see table

(Connector number does not include oring, please order it separately if you want ORING)



Pin Count	Part Number	Dim. K
2	303-0003	ID 3.8 * 1.0
3	303-0004	ID 5.0 * 1.0
4	303-0005	ID 6.2 * 1.0
5	303-0001	ID 7.5 * 1.0
6	303-0006	ID 8.5 * 1.0
7	303-0007	ID 10.0 * 1.0
8	303-0008	ID 11.0 * 1.0
9	303-0009	ID 12.2 * 1.0
10	303-0010	ID 14.0 * 1.0

UNLESS OTHERWISE SPECIFIED TOLERANCE				ATTEND
UNIT: mm	DECIMAL	LINEAR	ANGLES	
	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	WWW.ATTEND.COM.TW
DRAWN	Fros	2016/03/30		DRAWN NAME: Pogo Pin Water Proof Contact Type 5 Pin H3.0 Pitch 2.5 DIP w/o Cap, 30u"
CHECKED	Amy	2016/03/30		
APPROVED	Ken	2016/03/30		PRODUCT NO. 303C-C3018-25-05
	SCALE 5/1	SHEET 1/1	SIZE A4	FILE NAME 303C-C3018-25-05_B_4