

	1	2	3	4	5	6	7	8	9	10
	SWITCH CIRCUIT			MATERIAL AND FINISH AS BELOW						
	WHEN CARD IS EJECTED		WHEN CARD IS INSERTED	A	Housing	PBT UL94V-0, Color: Black	E	O-Ring	NBR Black	
G				B	Contact	Brass C3604, Contact Area:10u" Gold Plating Over Nickel	F	O-Ring	Silicone Black	G
				C	Shell	Brass C3604, Nickel Plated	G	Epoxy Base	Epoxy Black	
				D	Nut	Brass C3604, Nickel Plated	H			
F										
E										
D										
C										
B										
A										

Technical drawing of the switch assembly. The side view shows a total length of 25.5 mm, with segments of 5.0, 3.0, and 10.0 mm. The front view shows a hexagonal base with a diameter of 18.0 mm and a central contact area of 13.4 mm. The cross-sectional view shows the internal components labeled A through G, with dimensions 1.0, 7.2, and 2.8 mm. The nut is shown with a diameter of 18.0 mm and a thread of PG9.

SPECIFICATION:

1. ELECTRICAL

1.1 Current Rating: 4A per pin

1.2 Voltage Rating: 60V

1.3 Water Proof: IPX7

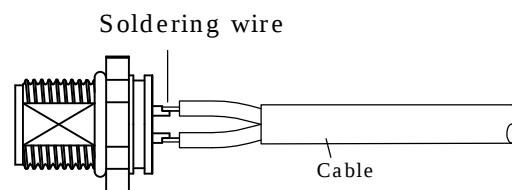
2. ENVIRONMENTAL

2.1 Operating temperature range: -40℃~+85℃

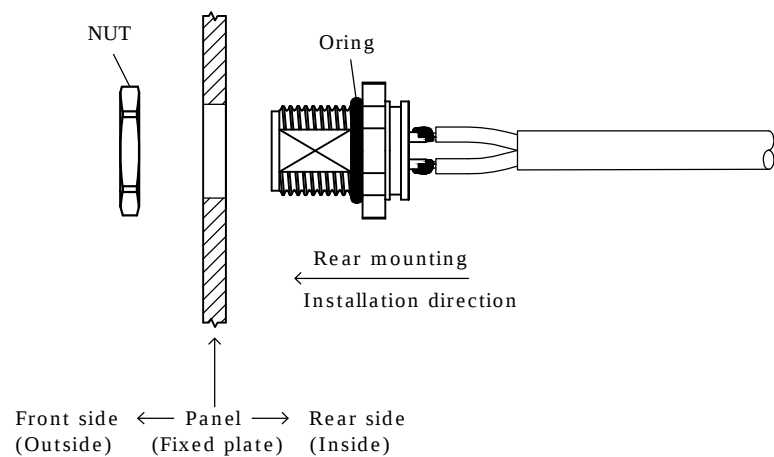
P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
PIN ASSIGNMENT											
216A-05MAF											
M12 A Code 5Pin Receptacle, Male Solder Type, Front Fastened, Contact: 10u" Gold Plating											
PRODUCT NO. DESCRIPTION											
UNLESS OTHERWISE SPECIFIED TOLERANCE											
ANGLES ANG. ±5°											
LINEAR 0. ±0.3											
0.0 ±0.25											
0.00 ±0.20											
SCALE AS SHOWED UNIT: mm											
DRAWN Willis 2013/12/24											
CHECKED Angel 2013/12/24											
APPROVED Ken 2013/12/24											
DRAWN NAME: M12 A- Code 5Pin Receptacle Male Solder Type, Front Fastened											
PRODUCT NO. 216A-05MAF											
FILE NAME 216A-05MAF_B_3											

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
1			1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
8			8		
9			9		
10			10		

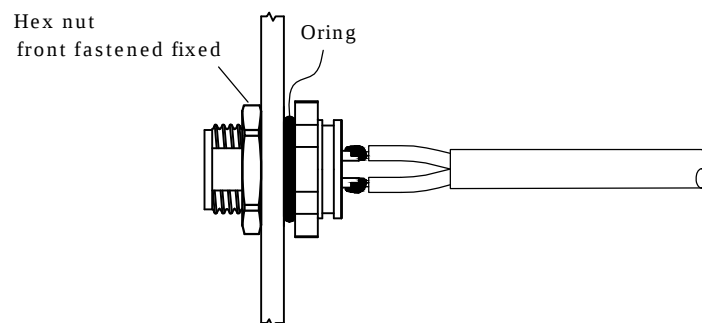
1. Wire Processing



2. Installation Direction



3. Connector Mated to Panel Mount



UNLESS OTHERWISE SPECIFIED TOLERANCE				 ATTEND			
UNIT:	DECIMAL	LINEAR	ANGLES				
m m	X.	±0.50	±5°	WWW.ATTEND.COM.TW			
	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 Solder Type Front Fastene				
APPROVED	Ken	2025/02/25	Design Guide				
	SCALE	SHEET 1/1	SIZE A4			PRODUCT NO.	
						FILE NAME	M Series MAF_DG