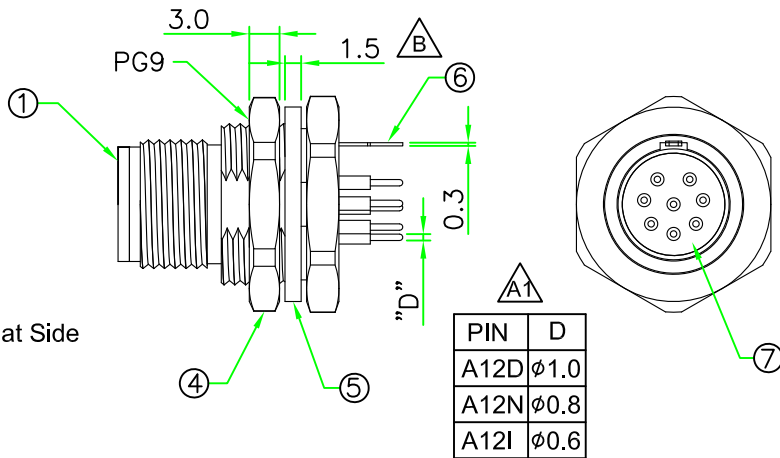
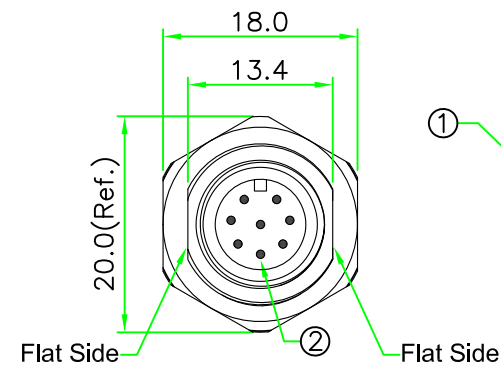
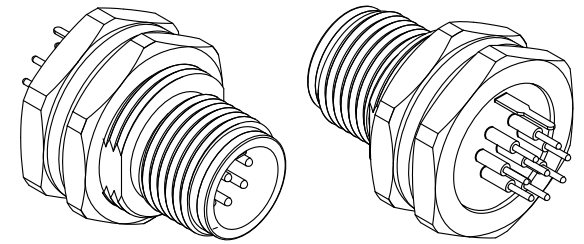
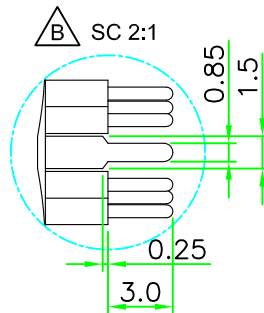
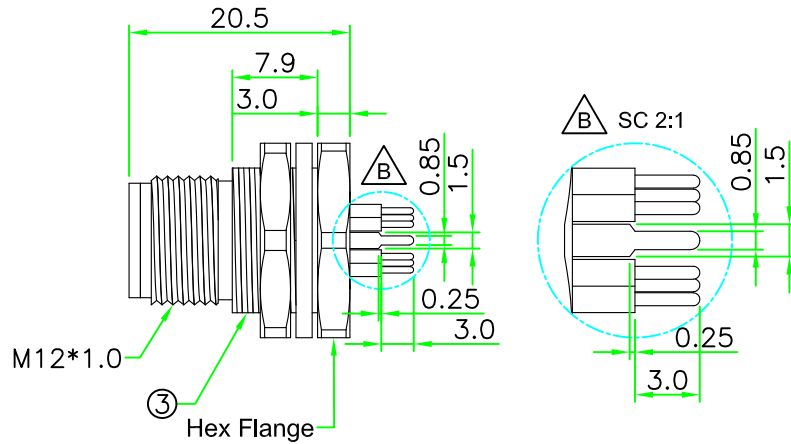


**RoHS**  
**IP66~68**



PIN	D
A12D	φ1.0
A12N	φ0.8
A12I	φ0.6

**NOTES:**

- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 1.5A / 2A / 4A  
TEMPERATURE RANGE: -25°C TO +85°C  
DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- PANEL THICKNESS MAX. 3.0mm
- HOW TO ORDER: A12x-S1xxHPR

A1		
02 - 2 PINS	08 - 8 PINS	14 - 14 PINS
03 - 3 PINS	09 - 9 PINS	15 - 15 PINS
04 - 4 PINS	10 - 10 PINS	16 - 16 PINS
05 - 5 PINS	11 - 11 PINS	17 - 17 PINS
06 - 6 PINS	12 - 12 PINS	
07 - 7 PINS	13 - 13 PINS	
I - CURRENT RATING 1.5A		
N - CURRENT RATING 2A		
D - CURRENT RATING 4A		

\*Pin Assignment Next Page.

No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS
7	GLUE	Epoxy.	BLACK		
6	SHIELD PIN	Brass, Nickel Plated.		1	
5	GASKET	EPDM.	BLACK	1	
4	HEX NUT	Brass, Nickel Plated.		1	
3	HOUSING	Brass, Nickle Plated.		1	
2	CONTACT	Brass, 6 u" Gold Plated. Male Contact.		N	
1	CONNECTOR	M12 A-Coding Male Connector Insert. Nylon+GF.	BLACK	1	

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UNIT: mm  
SCALE 1.5:1

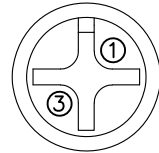
TITLE: M12 A-Coding Male Panel Connector  
Rear mount Hex Flange  
With PCB Pin

P/N: A12x-S1xxHPR  
DR. SIBYL  
CH. ERIC

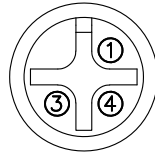
UNLESS OTHERWISE SPECIFIED TOLERANCES:  
x ±0.5 xx ±0.25  
xxx ±0.1 ANGLE ±1'

REV. B SHEET 1/3 DWG.NO: A12x-S1xxHPR AP.

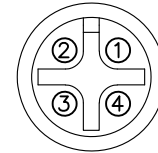
REV.	DESCRIPTION	DATE
A	ISSUE	Jun/20/2018
A1	Add 13~17 PIN.	Sep/27/2018
B	Change shape of Shielded Pin.	Nov/20/2018



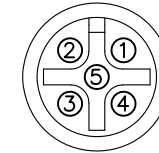
A12D-S102HPR



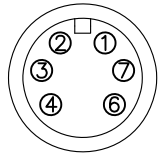
A12D-S103HPR



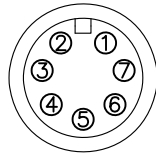
A12D-S104HPR



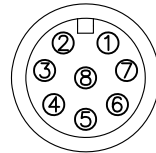
A12D-S105HPR



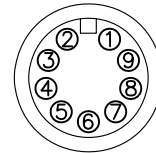
A12N-M106HPR



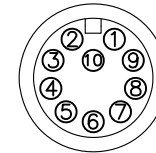
A12N-S107HPR



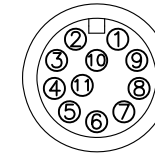
A12N-S108HPR



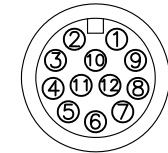
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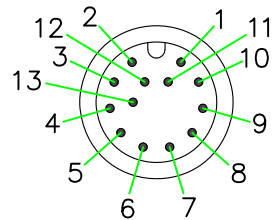
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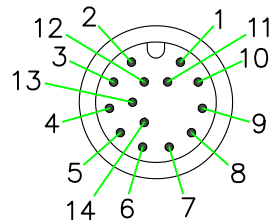
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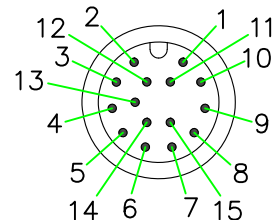
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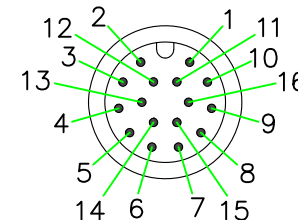
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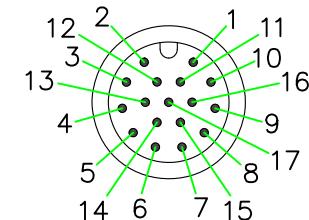
A12I-S114HPR



A12I-S115HPR



A12I-S116HPR



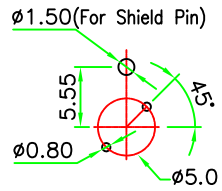
A12I-S117HPR

PIN ASSIGNMENT FRONT VIEW  
(前視圖)

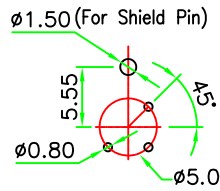
\*PCB Layout Next Page.

<b>HOLIN®</b> HTP ASIA TECHNOLOGY CO., LTD. 禾凌科技股份有限公司			
	UNIT: mm	TITLE M12 A-Coding Male Panel Connector Rear mount Hex Flange With PCB Pin	
SCALE	2:1		
UNLESS OTHERWISE SPECIFIED TOLERANCES: x ±0.5 xx ±0.25 xxx ±0.1 ANGLE ± 1'		P/N: A12x-S1xxHPR	DR. SIBYL
REV. B	SHEET 2/3	DWG.NO: A12x-S1xxHPR	CH. ERIC
			AP.

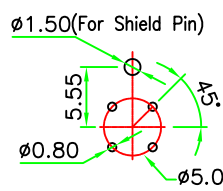
REV.	DESCRIPTION	DATE
A	ISSUE	Mar/30/2015
A1	Add 13~17 PIN.	Sep/27/2018
B	Change shape of Shielded Pin.	Nov/20/2018



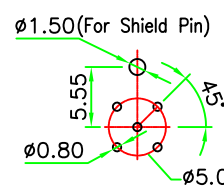
A12D-S102HPR



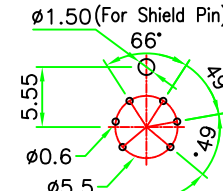
A12D-S103HPR



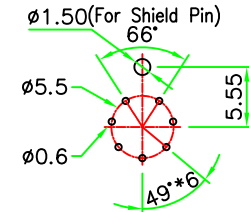
A12D-S104HPR



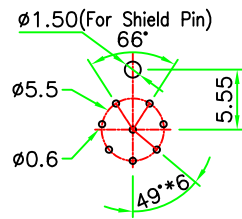
A12D-S105HPR



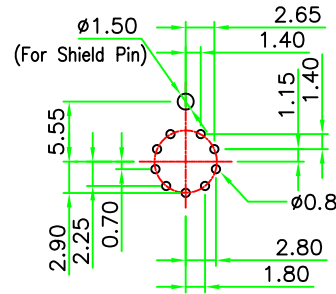
A12N-S106HPR



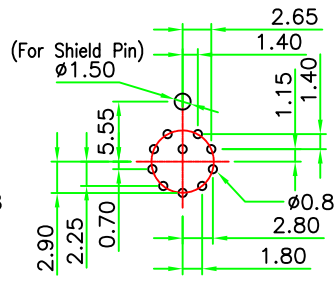
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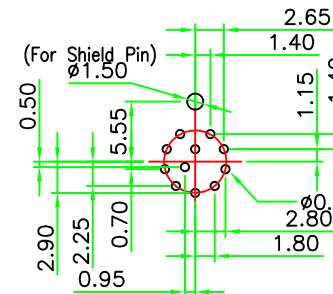
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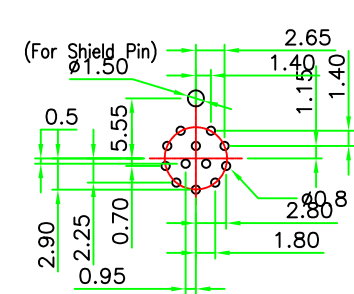
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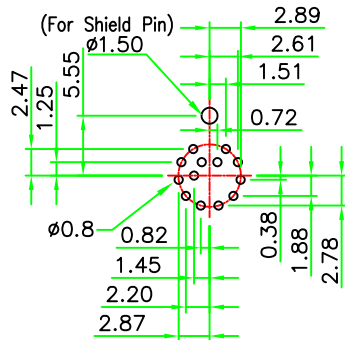
A12I-S110HPR



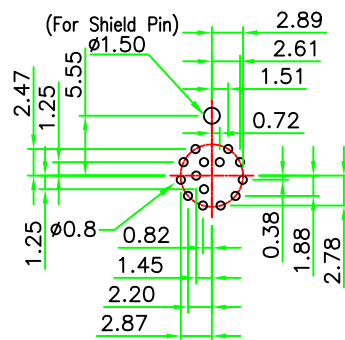
A12I-S111HPR



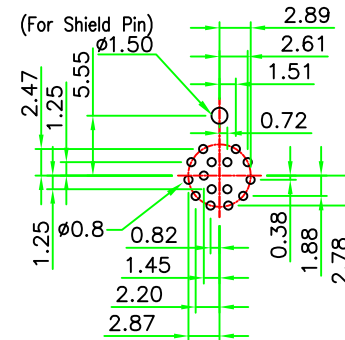
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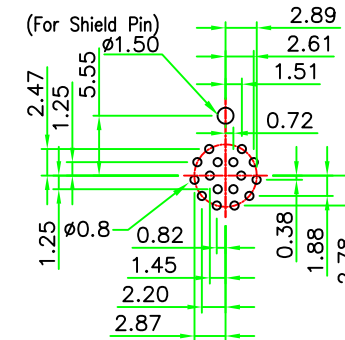
A12I-S113HPR



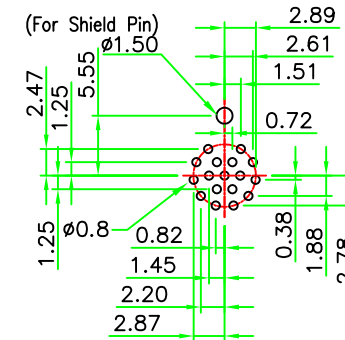
A12I-S114HPR



A12I-S115HPR



A12I-S116HPR

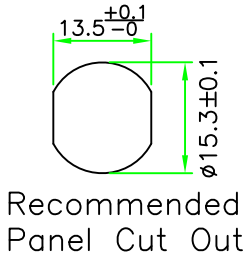


A12I-S117HPR

PCB LAYOUT

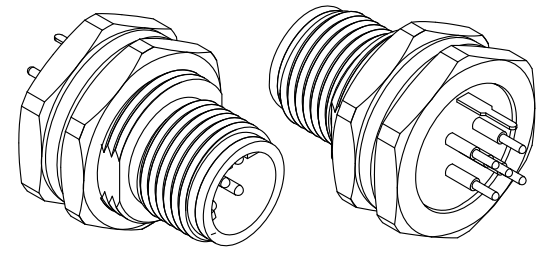
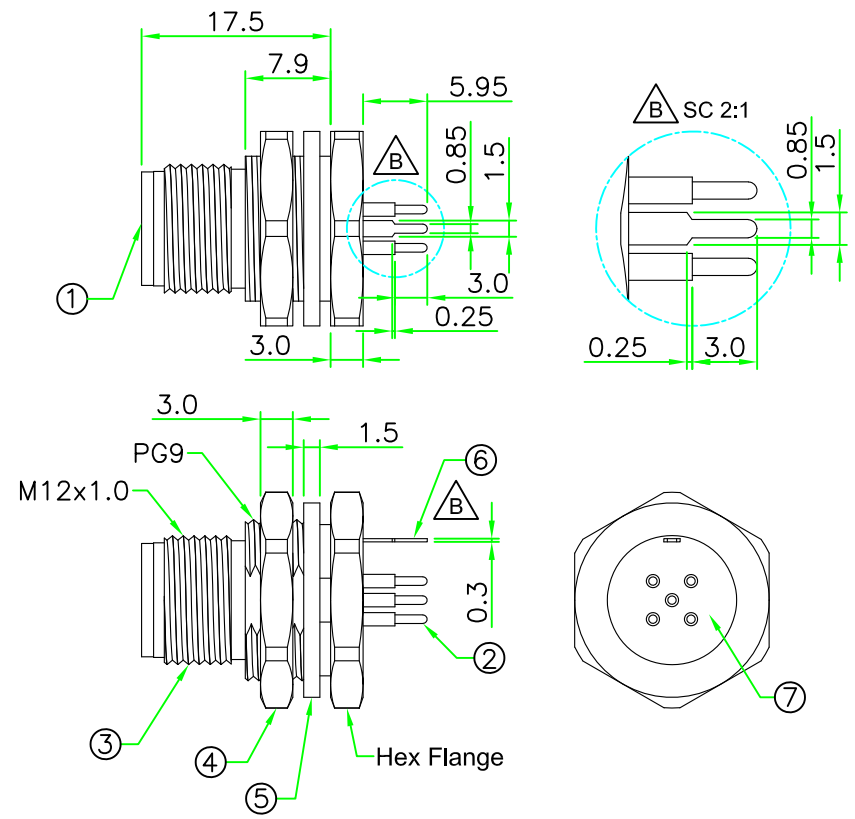
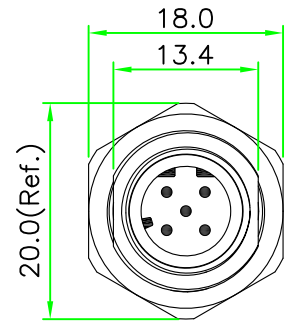
<b>HOLIN®</b> HTP ASIA TECHNOLOGY CO., LTD. 禾凌科技股份有限公司			
	UNIT: mm	TITLE : M12 A-Coding Male Panel Connector Rear mount Hex Flange With PCB Pin	
SCALE	1:1.5		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .x ± 0.25 .xx ± 0.1 .xxx ± 0.05 ANGLE ± 1°		P/N:	A12x-S1xxHPR
REV.	SHEET	DR.	SIBYL
B	3/3	CH.	ERIC
	DWG.NO:	AP.	
	A12x-S1xxHPR		

REV.	DESCRIPTION	DATE
A	ISSUE	Jan/12/2016
B	Change Shielded Pin Design.	Oct/19/2018



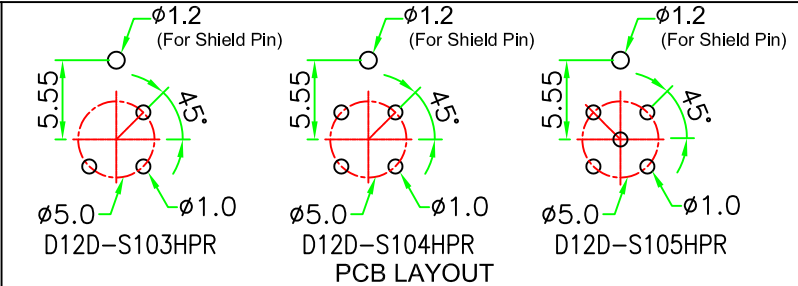
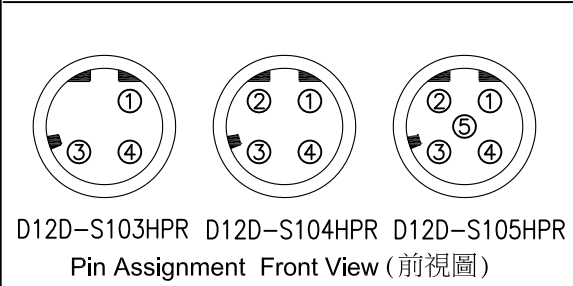
Recommended Panel Cut Out

**RoHS**  
**IP66~68**



- NOTES:
- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 4A  
TEMPERATURE RANGE: -25°C TO +85°C  
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - PANEL THICKNESS MAX. : 3mm
  - HOW TO ORDER: D12D-S1xxHPR

- 03 - 3 PIN
- 04 - 4 PIN
- 05 - 5 PIN



No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS
7	GLUE	Epoxy.			
6	SHIELD PIN	BRASS, Nickel Plated.		1	
5	GASKET	EPDM.	BLACK	1	
4	HEX NUT	BRASS, Nickel Plated.		1	
3	HOUSING	BRASS, Nickel Plated.		1	
2	CONTACT	BRASS, 6 u" Gold Plated. Male Contact.		N	
1	CONNECTOR	M12 D-Coding Male Connector Insert. Nylon+GF.	BLACK	1	

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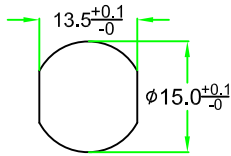
UNIT: mm TITLE : M12 D-Coding Male Panel Connector  
Rear Mount Hex Flange  
PCB & Shielded Pin

SCALE 1.5:1

UNLESS OTHERWISE SPECIFIED TOLERANCES:  
.X ± 0.5 .XX ± 0.25  
.XXX ± 0.1 ANGLE ± 1°

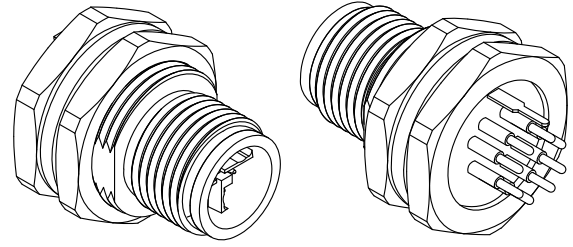
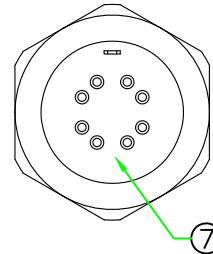
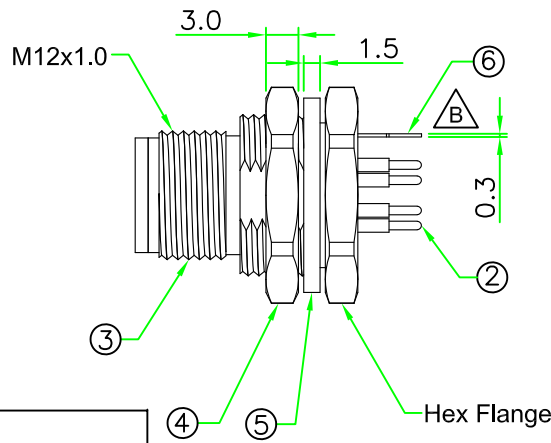
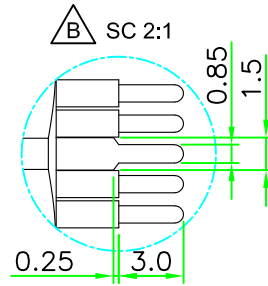
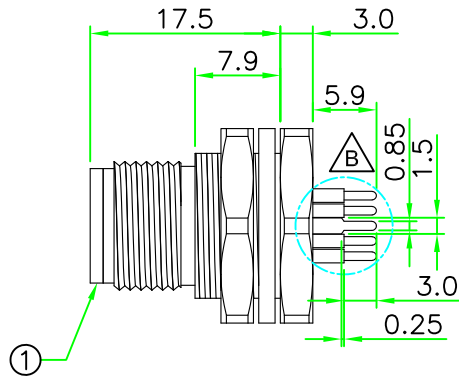
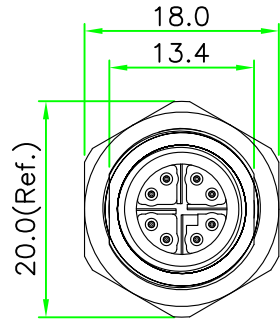
P/N: D12D-S1xxHPR DR. SIBYL  
CH. ERIC

REV. B SHEET 1/1 DWG.NO: D12D-S1xxHPR AP.



Recommended Panel Cut Out

RoHS  
IP66~68

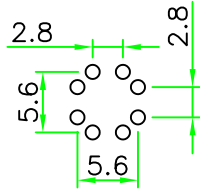


NOTES:

- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 0.5A  
TEMPERATURE RANGE: -25°C TO +85°C  
DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- PANEL THICKNESS MAX. 3.0mm



Pin Assignment Front View  
(前視圖)



PCB LAYOUT

No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS
7	GLUE	Epoxy.	BLACK	1	
6	SHIELD PIN	Brass, Nickel Plated.		1	
5	GASKET	EPDM.	BLACK	1	
4	HEX NUT	Brass, Nickel Plated.		1	
3	HOUSING	Brass, Nickle Plated.		1	
2	CONTACT	Brass, 6 u" Gold Plated. Male Contact.		8	
1	CONNECTOR	M12 X-Coding Male Connector Insert. Nylon+GF.	BLACK	1	

HOLIN® HTP ASIA TECHNOLOGY CO., LTD. 禾凌科技股份有限公司					
UNIT: mm	TITLE : M12 X-Coding Male Panel Connector Rear mount Hex Flange PCB & Shielded Pin				
SCALE 1.5:1	P/N: X12I-S108HPR				DR. SIBYL
UNLESS OTHERWISE SPECIFIED TOLERANCES: .X ± 0.5 .XX ± 0.25 .XXX ± 0.1 ANGLE ± 1°					CH. ERIC
REV. B	SHEET 1/1	DWG.NO: X12I-S108HPR		AP.	