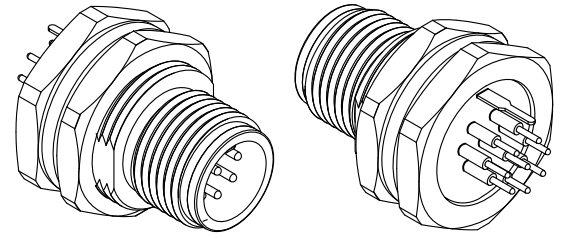
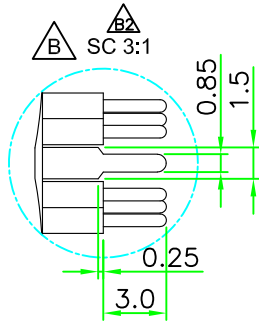
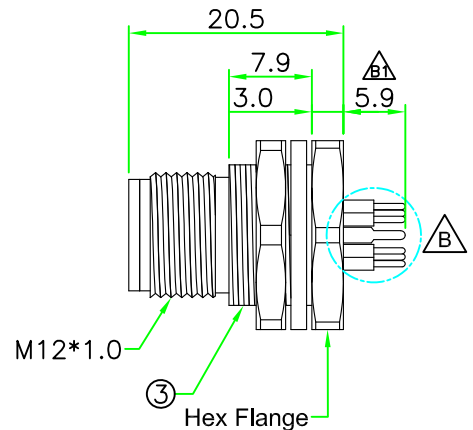


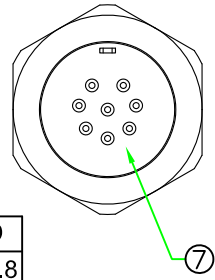
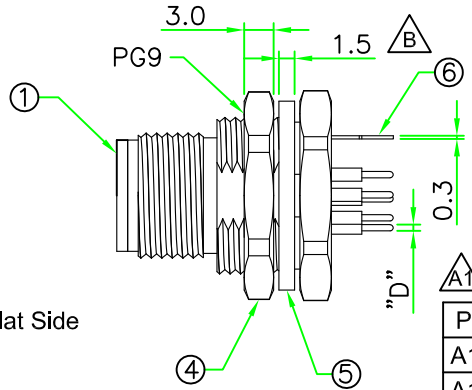
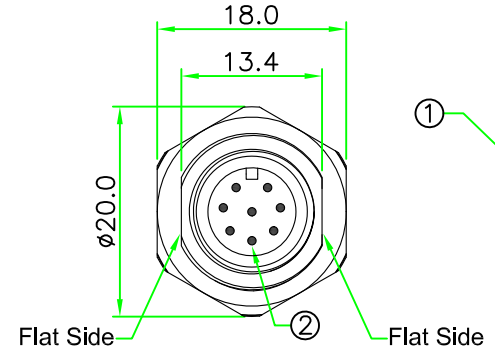
NOTE	DESCRIPTION	DATE
1	Add Dimension.	Feb/12/2019
2	Correct Dimension & Note.	Mar/16/2020

RoHS  
IP66~68



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



PIN	D
A12D	φ0.8
A12N	φ0.6
A12I	φ0.6

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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禾凌科技股份有限公司

UNIT: mm  
SCALE: 1.5:1

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

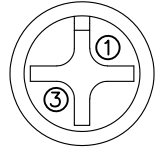
P/N: A12x-S1xxHPR  
DR. SIBYL  
CH. ERIC

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

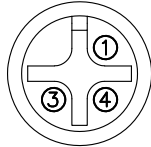
REV. SHEET DWG.NO: A12x-S1xxHPR AP.

NOTE	DESCRIPTION	DATE
1	Add Dimension.	Feb/12/2019
2	Correct Dimension & Note.	Mar/16/2020

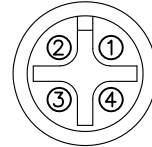
REV.	DESCRIPTION	DATE	NOTE
A	ISSUE	Jun/20/2018	
A1	Add 13~17 PIN.	Sep/27/2018	
B	Change shape of Shielded Pin.	Nov/20/2018	2



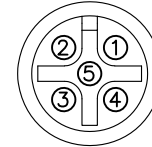
A12D-S102HPR



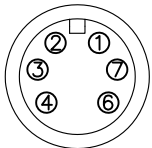
A12D-S103HPR



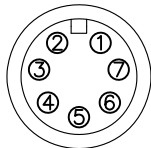
A12D-S104HPR



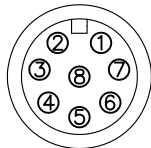
A12D-S105HPR



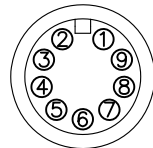
A12N-M106HPR



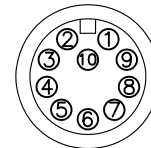
A12N-S107HPR



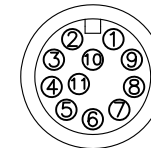
A12N-S108HPR



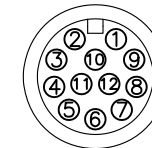
A12I-S109HPR



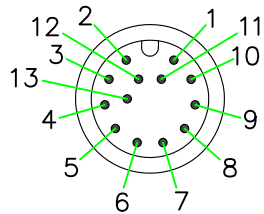
A12I-S110HPR



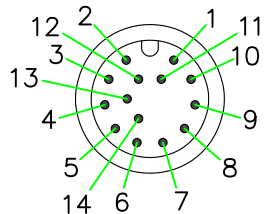
A12I-S111HPR



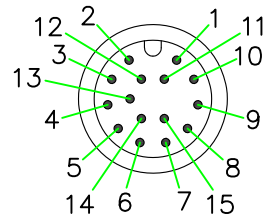
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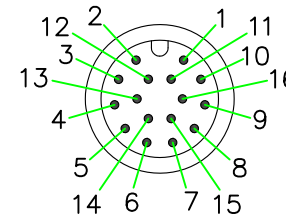
A12I-M113HPR



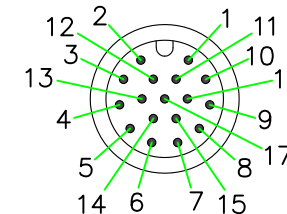
A12I-S114HPR



A12I-S115HPR



A12I-S116HPR

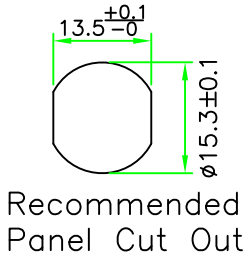


A12I-S117HPR

PIN ASSIGNMENT FRONT VIEW  
(前視圖)

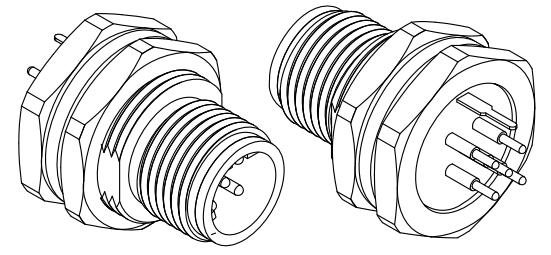
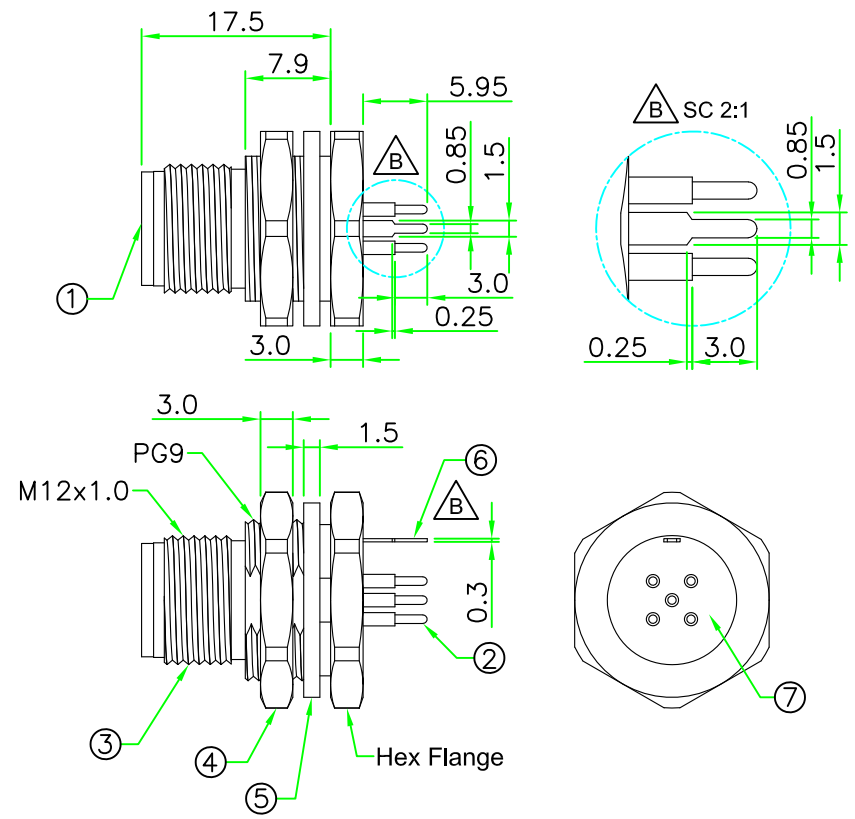
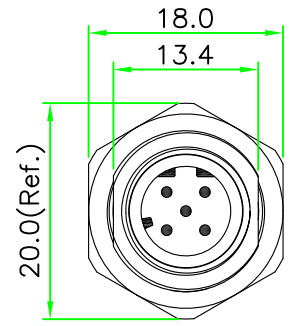
<b>HOLIN<sup>®</sup></b> HTP ASIA TECHNOLOGY CO., LTD. 禾凌科技股份有限公司			
	UNIT: mm	TITLE M12 A-Coding Male Panel Connector Rear mount Hex Flange With PCB Pin and Shielded Pin	
SCALE	2:1	P/N:	A12x-S1xxHPR
UNLESS OTHERWISE SPECIFIED TOLERANCES: X ±0.5 XX ±0.25 XXX ±0.1 ANGLE ± 1°		DR.	SIBYL
REV.	SHEET	DWG.NO: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

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



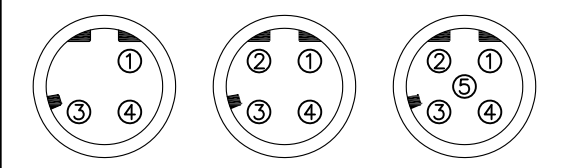
Recommended Panel Cut Out

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

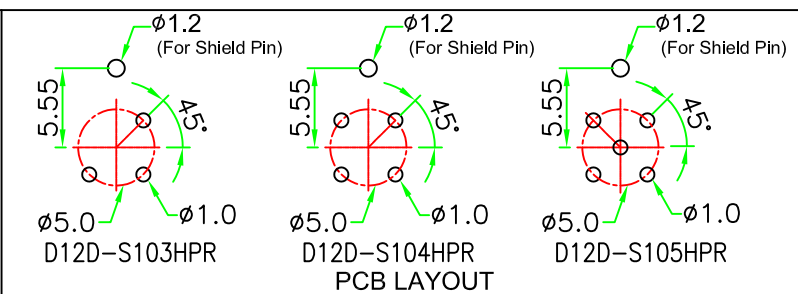


- NOTES:
- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 4A  
TEMPERATURE RANGE: -25°C TO +85°C  
DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
  - PANEL THICKNESS MAX. : 3mm
  - HOW TO ORDER: D12D-S1xxHPR

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



D12D-S103HPR D12D-S104HPR D12D-S105HPR  
Pin Assignment Front View (前視圖)

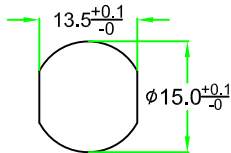


D12D-S103HPR D12D-S104HPR D12D-S105HPR  
PCB LAYOUT

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	

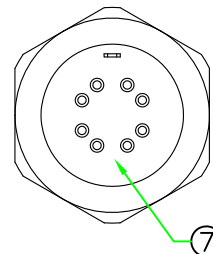
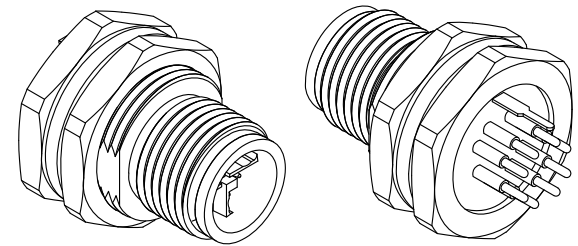
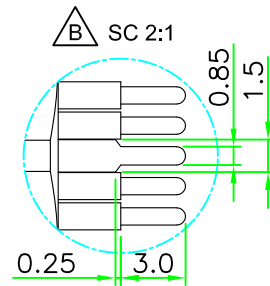
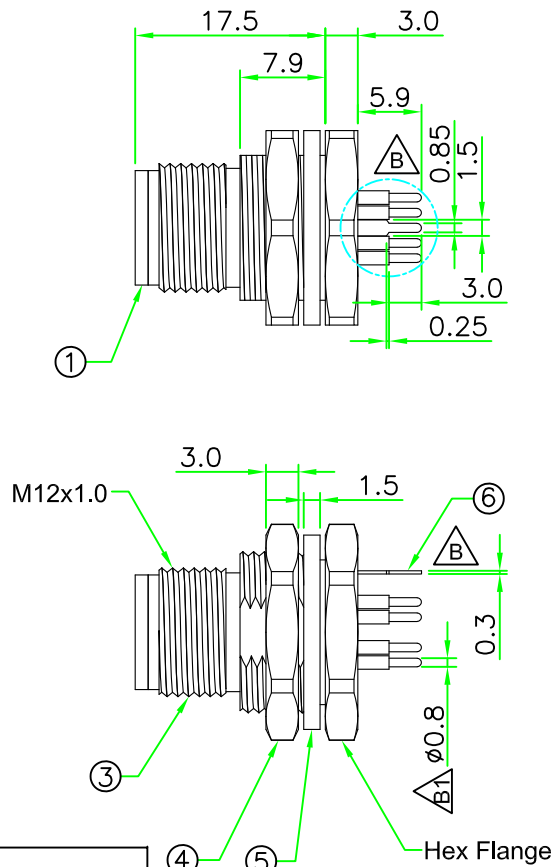
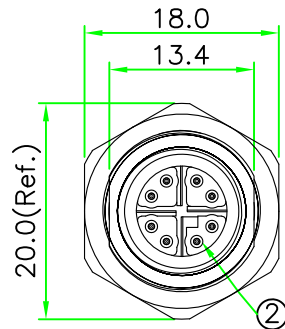
**HOLIN®** HTP ASIA TECHNOLOGY CO., LTD.  
禾凌科技股份有限公司

	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
REV. B	SHEET 1/1	DR. SIBYL CH. ERIC AP.
DWG.NO: D12D-S1xxHPR		

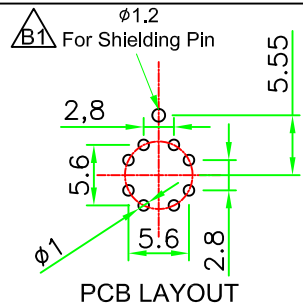


Recommended Panel Cut Out

RoHS  
IP66~68



Pin Assignment Front View  
(前視圖)



For Shielding Pin

PCB LAYOUT

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

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	
No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS

<b>HOLIN®</b> 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		CH. ERIC	
		.XXX ± 0.1 ANGLE ± 1°			
REV.	SHEET	DWG.NO:	AP.		
B1	1/1	X12I-S108HPR			