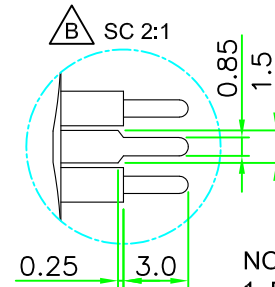
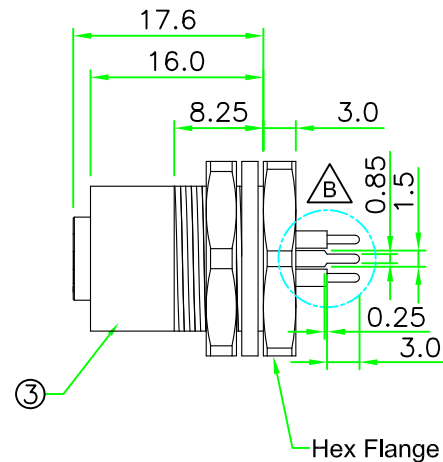


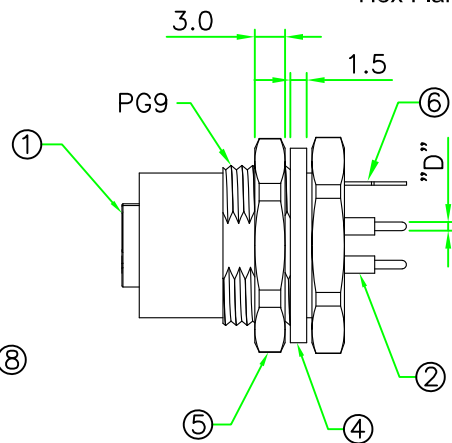
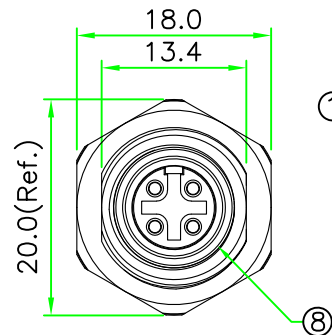
**RoHS**  
**IP66~68**

REV.	DESCRIPTION	DATE
A	ISSUE	Dec/10/2015
A1	Add 13~17 Pin.	Oct/04/2018
B	Change shape of Shielded Pin.	Nov/20/2018

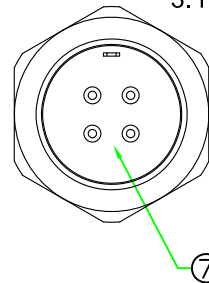


**NOTES:**

- 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-S2xxHSR



PIN	D
A12D	φ1.0
A12N	φ0.8
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.

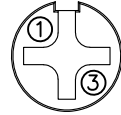
No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS
8	O-RING	Viton.	BLACK	1	
7	GLUE	Epoxy.	BLACK		
6	SHIELD PIN	Brass, Nickel Plated.		1	
5	HEX NUT	Brass, Nickel Plated. PG9 Thread.		1	
4	GASKET	EPDM	BLACK	1	
3	HOUSING	Brass, Nickel Plated.		1	
2	CONTACT	Brass, 6 u" Gold Plated. Female Contact.		N	
1	CONNECTOR	M12 A-Coding Female Connector Insert. Nylon+GF.	BLACK	1	

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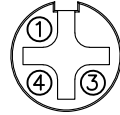
UNIT: mm	TITLE : M12 A-Coding Female Panel Connector Rear mount Hex Flange With PCB and Shielded Pin
SCALE 1.5:1	
UNLESS OTHERWISE SPECIFIED TOLERANCES: x ±0.5 xx ±0.25 xxx ±0.1 ANGLE ±.1°	P/N: A12x-S2xxHPR
REV. B	DR. SIBYL
SHEET 1/3	CH. ERIC
	DWG.NO: A12x-S2xxHPR
	AP.

REV.	DESCRIPTION	DATE
A	ISSUE	Dec/10/2015
A1	Add 13~17 Pin.	Oct/04/2018
B	Change shape of Shielded Pin.	Nov/20/2018

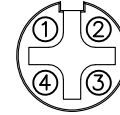
A1



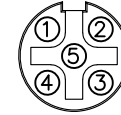
A12D-S202HPR



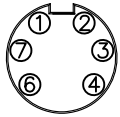
A12D-S203HPR



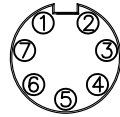
A12D-S204HPR



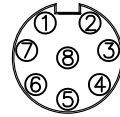
A12D-S205HPR



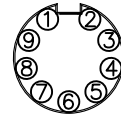
A12N-S206HPR



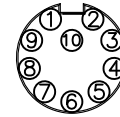
A12N-S207HPR



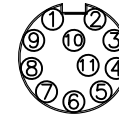
A12N-S208HPR



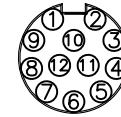
A12I-S209HPR



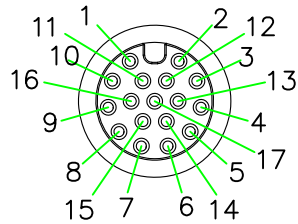
A12I-S210HPR



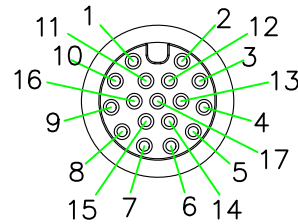
A12I-S211HPR



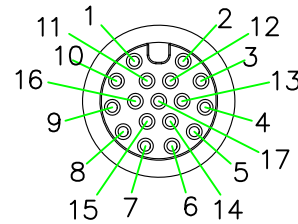
A12I-S212HPR



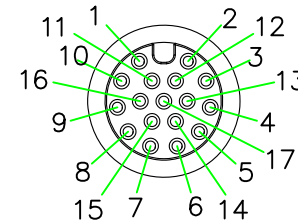
A12I-S213HPR



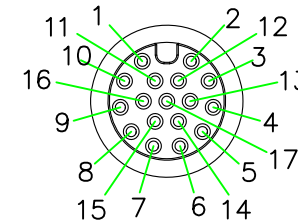
A12I-S214HPR



A12I-S215HPR



A12I-S216HPR

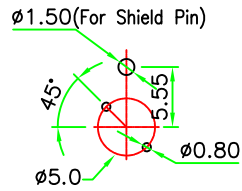


A12I-S217HPR

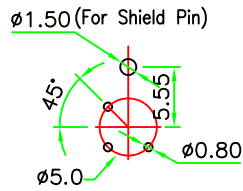
PIN ASSIGNMENT FRONT VIEW  
(前視圖)

<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 Female Panel Connector Rear mount Hex Flange With PCB and Shielded Pin	
SCALE	2:1		
UNLESS OTHERWISE SPECIFIED TOLERANCES: x ±0.5 xx ±0.25 xxx ±0.1 ANGLE ± 1°		P/N:	A12x-S2xxHPR
REV.	SHEET	DWG.NO:	A12x-S2xxHPR
B	2/3		DR. SIBYL CH. ERIC AP.

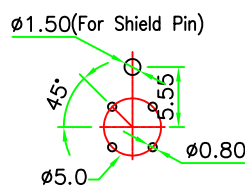
REV.	DESCRIPTION	DATE
A	ISSUE	Dec/10/2015
A1	Add 13~17 Pin.	Oct/04/2018
B	Change shape of Shielded Pin.	Nov/20/2018



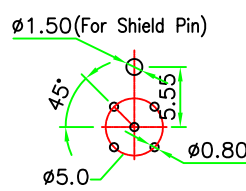
A12D-S202HPR



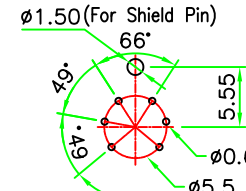
A12D-S203HPR



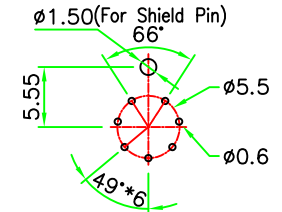
A12D-S204HPR



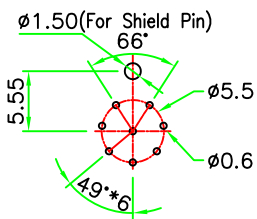
A12D-S205HPR



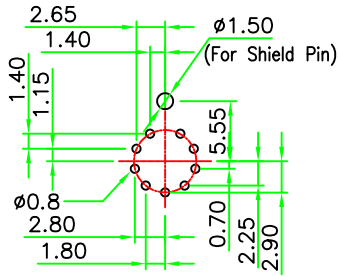
A12N-S206HPR



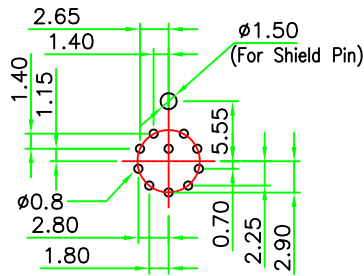
A12N-S207HPR



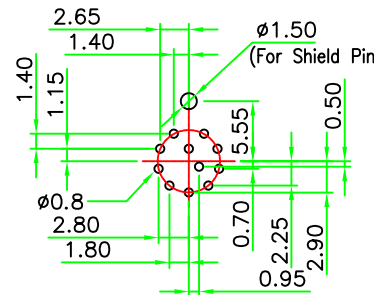
A12N-S208HPR



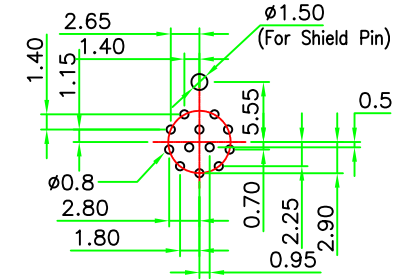
A12I-S209HPR



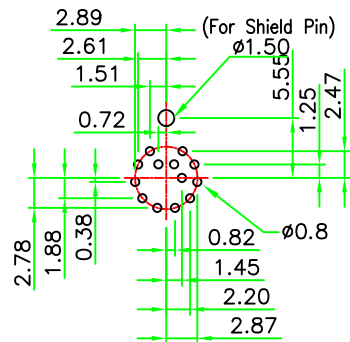
A12I-S210HPR



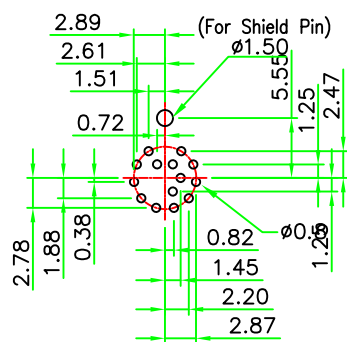
A12I-S211HPR



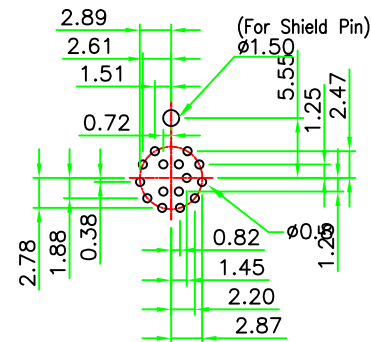
A12I-S212HPR



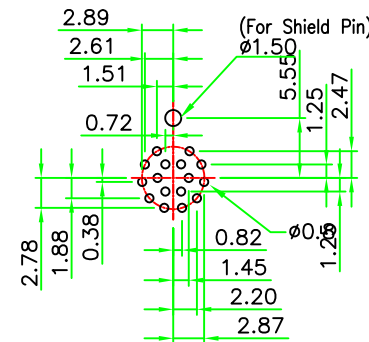
A12I-S213HPR



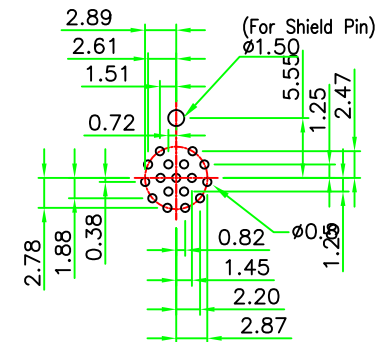
A12I-S214HPR



A12I-S215HPR



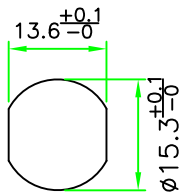
A12I-S216HPR



A12I-S217HPR

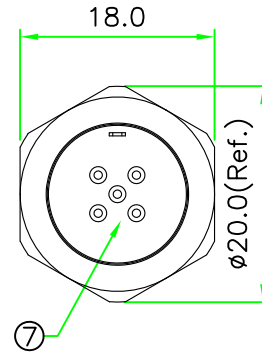
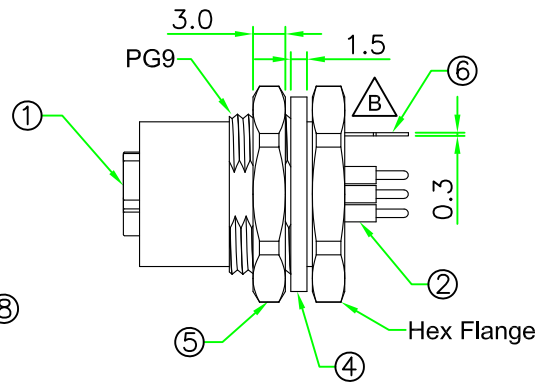
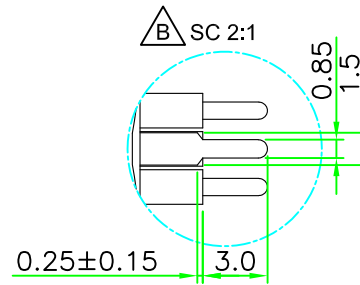
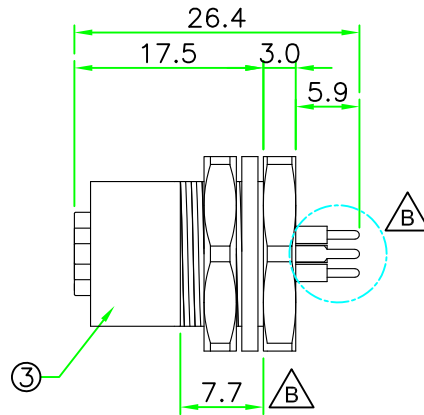
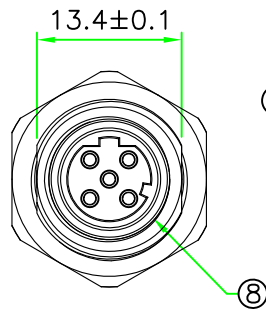
PCB LAYOUT

<b>HOLIN</b> ® HTP ASIA TECHNOLOGY CO., LTD. 禾凌科技股份有限公司			
	UNIT: mm	TITLE : M12 A-Coding Female Panel Connector Rear mount Hex Flange With PCB and Shielded Pin	
SCALE	1:1.5		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .x ± 0.25 .xx ± 0.1 .xxx ± 0.05 ANGLE ± 1°		P/N:	A12x-S2xxHPR
REV.	SHEET	DWG.NO:	A12x-S2xxHPR
B	3/3		

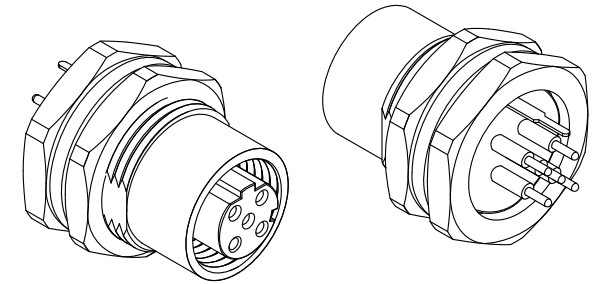


Recommended Panel Cut Out

RoHS  
IP66~68



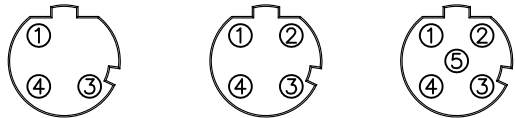
REV.	DESCRIPTION	DATE
A	ISSUE	Jul/08/2015
B	Change Shielded Pin Design.	Oct/19/2018



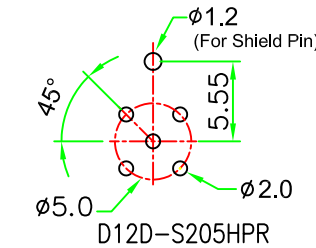
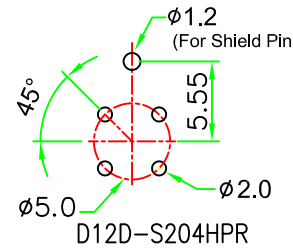
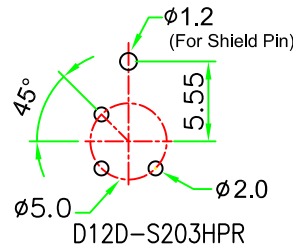
NOTES:

- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 4A  
TEMPERATURE RANGE: -25°C TO +85°C  
DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC FOR ONE MINUTE
- PANEL THICKNESS MAX. 3.0mm
- HOW TO ORDER: D12D-S2xxHPR

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



D12D-S203HPR D12D-S204HPR D12D-S205HPR  
Pin Assignment Front View  
(前視圖)



D12D-S203HPR

D12D-S204HPR

D12D-S205HPR

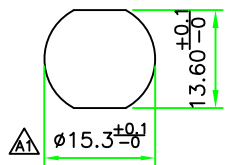
PCB LAYOUT

No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS
8	O-RING	Viton.	BLACK	1	
7	GLUE	Epoxy.	BLACK	1	
6	SHIELD PIN	Brass, Nickel Plated.		1	
5	HEX NUT	Brass, Nickel Plated. PG9 Thread.		1	
4	GASKET	Rubber.	BLACK	1	
3	HOUSING	Brass, Nickel Plated.		1	
2	CONTACT	Brass, 6 u" Gold Plated . Female Contact.		N	
1	CONNECTOR	M12 D-Coding Female Connector Insert. Nylon+GF.	BLACK	1	

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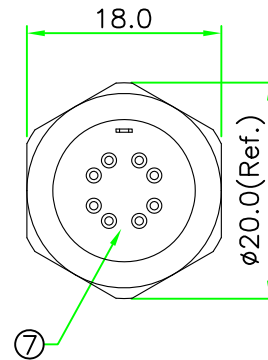
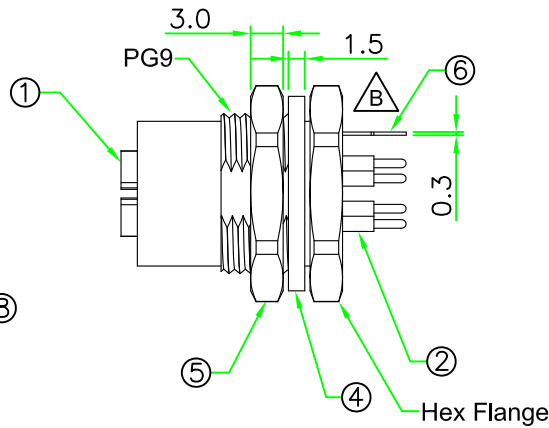
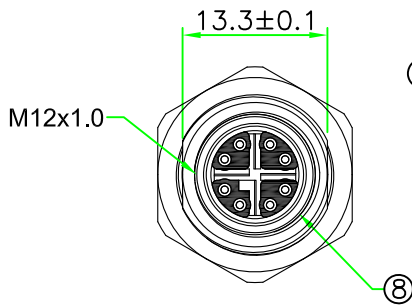
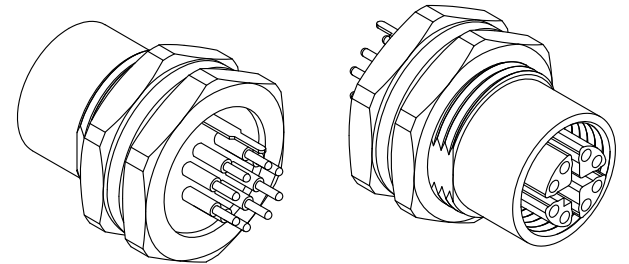
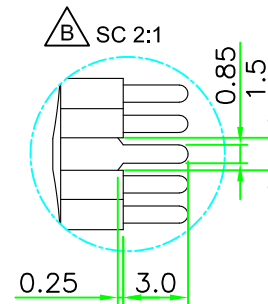
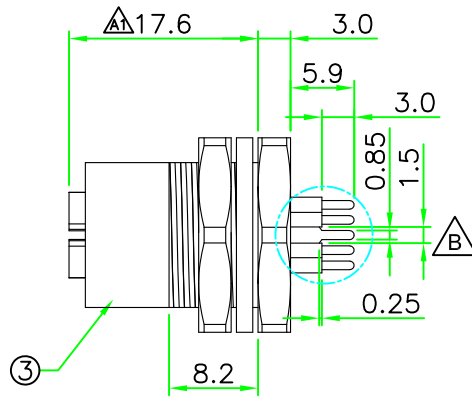
UNIT: mm TITLE : M12 D-Coding Female Connector Female Pin  
Rear Mount Hex Flange  
PCB Pin with Shield Pin

SCALE	1.5:1	P/N: D12D-S2xxHPR	DR.	SIBYL
UNLESS OTHERWISE SPECIFIED TOLERANCES: .X ± 0.5 .XX ± 0.25 .XXX ± 0.1 ANGLE ± 1°			CH.	ERIC
REV.	SHEET 1/1	DWG.NO: D12D-S2xxHPR	AP.	



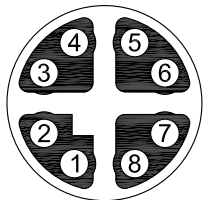
Recommended Panel Cut Out

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



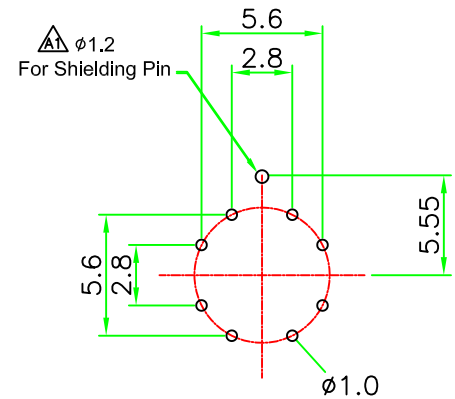
**NOTES:**

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



PIN ASSIGNMENT FRONT VIEW

(前視圖)



PIN PCB LAYOUT

8	O-RING	Viton.	BLACK	1	
7	GLUE	Epoxy.	BLACK	1	
6	SHIELD PIN	Brass, Nickel Plated.		1	
5	HEX NUT	Brass, Nickel Plated. PG9 Thread.		1	
4	GASKET	Rubber.	BLACK	1	
3	HOUSING	Brass, Nickel Plated.		1	
2	CONTACT	Brass , 6 u" Gold Plated . Female Contact.		8	
1	CONNECTOR	M12 X-Coding Female Connector Insert. Nylon+GF.	BLACK	1	
No.	PART NAME	DESCRIPTION	COLOR	Q'TY	REMARKS

REV.	DESCRIPTION	DATE
A	ISSUE	Oct/01/2014
A1	Correct dimensions	Ju/06/2016
B	Change Shielded Pin Design.	Oct/19/2018

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

	UNIT: mm	TITLE : M12 X-Coding Female Connector Female Pin Rear Mount Hex Flange PCB Pin with Shield Pin	DR. SIBYL
SCALE	1.5:1	P/N: X12I-S208HPR	CH. ERIC
UNLESS OTHERWISE SPECIFIED TOLERANCES: .X ± 0.5 .XX ± 0.25 .XXX ± 0.1 ANGLE ± 1°		DWG.NO: X12I-S208HPR	AP.
REV. B	SHEET 1/1		