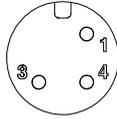
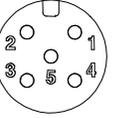
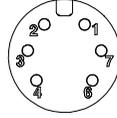
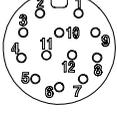
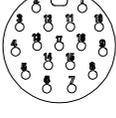


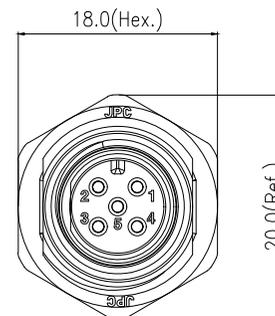
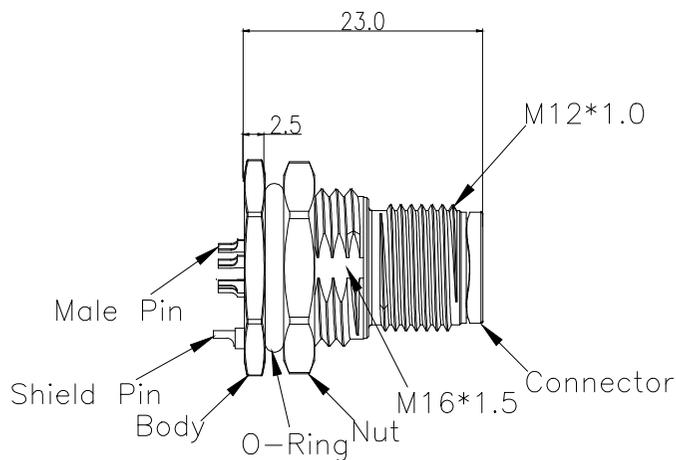
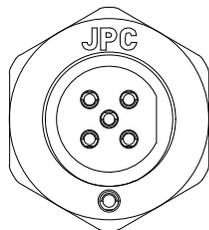
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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		First Release	Ray	George	07/15/2024

Pin Assignment Front View

2pin  250V/4A	3pin  250V/4A	4pin  250V/4A
5pin  60V/4A	6pin  30V/2A	8pin  30V/2A
10pin  30V/1.5A	12pin  30V/1.5A	17pin  30V/1A



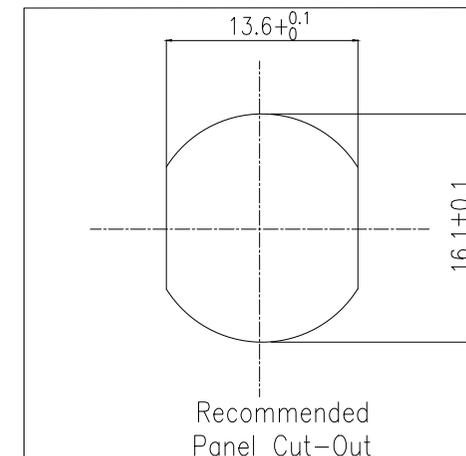
P/N:

A-MS12-XXP-MMSS-SF-70002

XX : No. Of Pin

Notes:

- Connector :
 - Housing : PA66 , Black , UL94V-0
 - Male Pin : Copper alloy , Gold plated
 - O-Ring : Silicone Rubber , Black
 - Body : Zinc Alloy , Ni plated
 - Nut : Zinc Alloy , Ni plated
 - Shield Pin : Copper alloy , Ni plated
- Waterproof Rate : IP67 Mated.
- RoHS Compliant



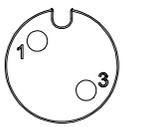
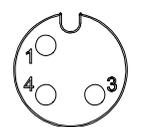
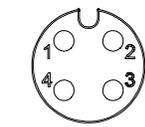
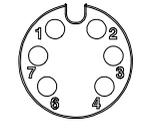
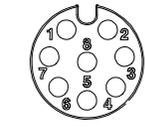
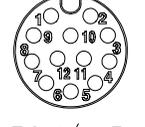
RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/15/2024			TITLE M12 A code Male Connector Front Fastened
	0 = ±.50	CH.K 07/15/2024	SCALE -	SIZE A4	PART NO. A-MS12-XXP-MMSS-SF-70002
	0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/15/2024	REV. 01	SHEET 1 OF 1	

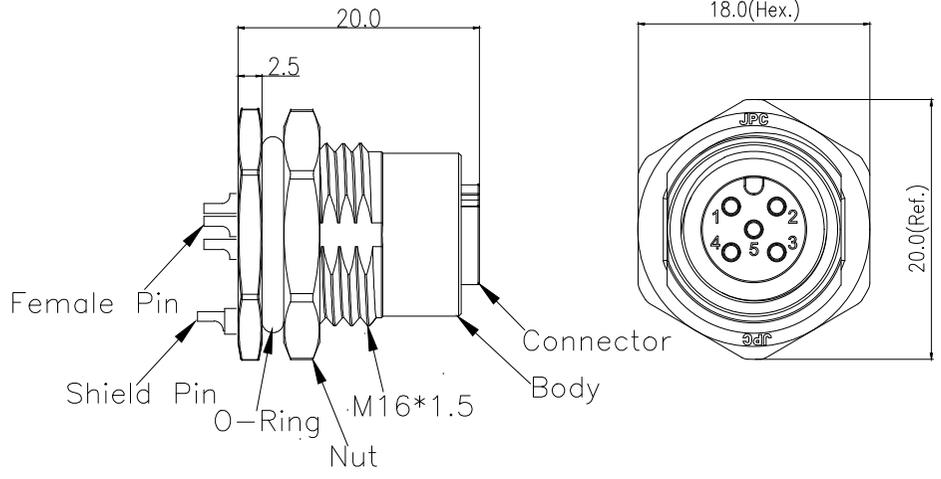
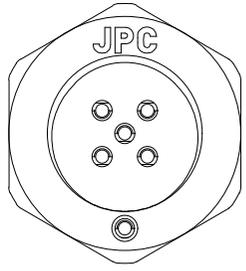
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CUSTOMER DRAWING

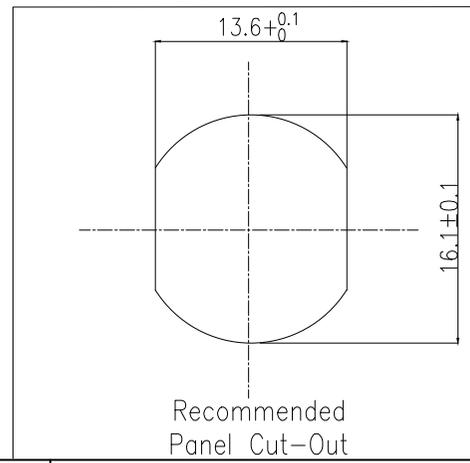
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		First Release	Ray	George	07/15/2024

Pin Assignment Front View

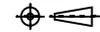
2pin  250V/4A	3pin  250V/4A	4pin  250V/4A
5pin  60V/4A	6pin  30V/2A	8pin  30V/2A
10pin  30V/1.5A	12pin  30V/1.5A	17pin  30V/1A



P/N:
A-MS12-XXP-FFSS-SF-70002
XX : No. Of Pin



- Notes:
- Connector :
 - Housing : PA66 , Black , UL94V-0
 - Female Pin : Copper alloy , Gold plated
 - O-Ring : Silicone Rubber , Black
 - Body : Zinc Alloy , Ni plated.
 - Nut : Zinc Alloy , Ni plated.
 - Shield Pin : Copper alloy , Ni plated.
 - Waterproof Rate : IP67 Mated.
 - RoHS Compliant

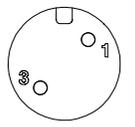
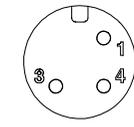
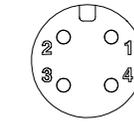
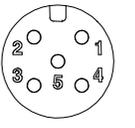
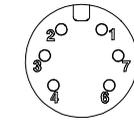
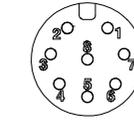
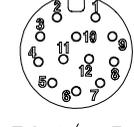
RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/15/2024		
	0 = ±.50	CH.K 07/15/2024	M12 A code Female Connector Front Fastened	
	0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/15/2024	SCALE: - SIZE: A4	PART NO. A-MS12-XXP-FFSS-SF-70002 REV. 01 SHEET 1 OF 1

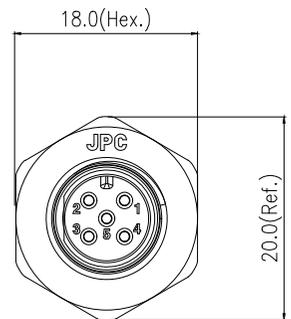
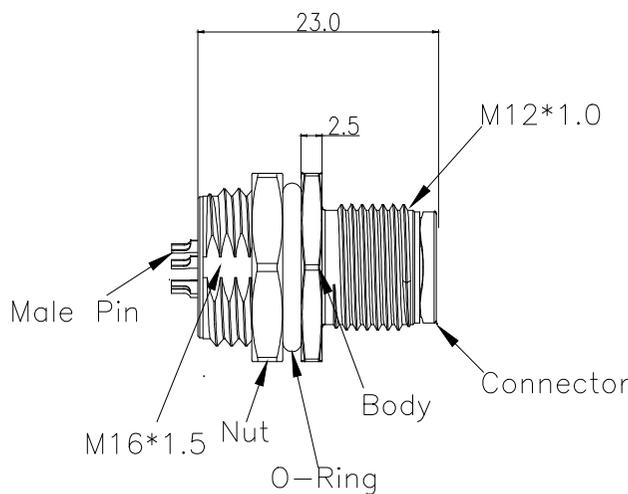
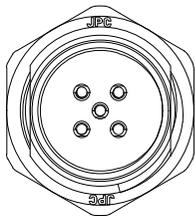
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CUSTOMER DRAWING

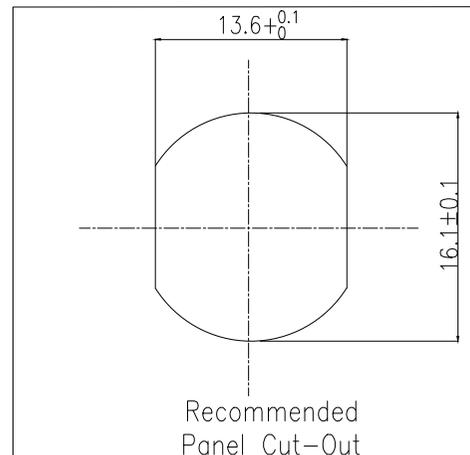
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		First Release	Ray	George	07/15/2024

Pin Assignment Front View

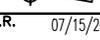
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5pin  60V/4A	6pin  30V/2A	8pin  30V/2A
10pin  30V/1.5A	12pin  30V/1.5A	17pin  30V/1A



P/N:
A-MN12-XXP-MMSS-SR-70002
XX : No. Of Pin



- Notes:
- Connector :
 - Housing : PA66 , Black , UL94V-0
 - Male Pin : Copper alloy , Gold plated
 - O-Ring : Silicone Rubber , Black
 - Body : Zinc Alloy , Ni plated
 - Nut : Zinc Alloy , Ni plated
 - Waterproof Rate : IP67 Mated.
 - RoHS Compliant

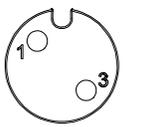
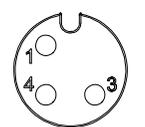
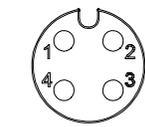
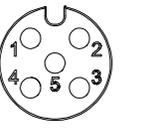
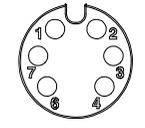
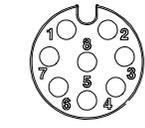
RoHS COMPLIANT	Unit : mm	PROJECTION 		JPC connectivity		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/15/2024	TITLE M12 A code Male Connector Rear Fastened			PD./FILE NO.
	0 = ±.50	CH.K 07/15/2024	SCALE -	SIZE A4	PART NO. A-MN12-XXP-MMSS-SR-70002	REV. 01
	0.0 = ±.25	APV.D 07/15/2024			SHEET 1 OF 1	

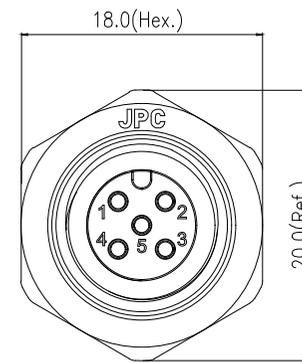
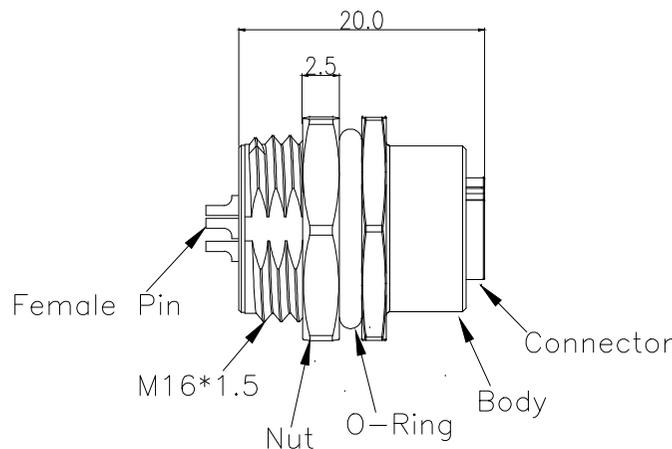
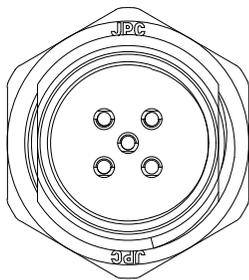
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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		First Release	Ray	George	07/15/2024

Pin Assignment Front View

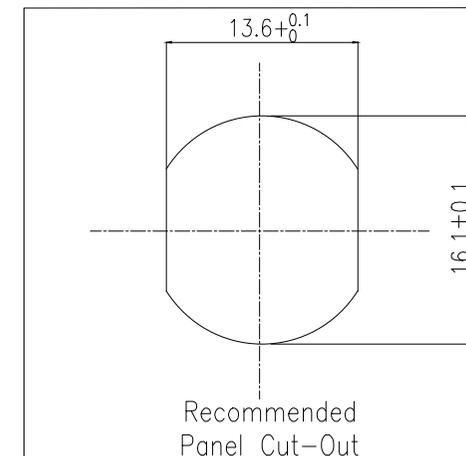
2pin  250V/4A	3pin  250V/4A	4pin  250V/4A
5pin  60V/4A	6pin  30V/2A	8pin  30V/2A
10pin  30V/1.5A	12pin  30V/1.5A	17pin  30V/1A



P/N:

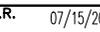
A-MN12-XXP-FFSS-SR-70002

XX : No. Of Pin



Notes:

- Connector :
 - Housing : PA66 , Black , UL94V-0
 - Female Pin : Copper alloy , Gold plated
 - O-Ring : Silicone Rubber , Black
 - Body : Zinc Alloy , Ni plated.
 - Nut : Zinc Alloy , Ni plated.
- Waterproof Rate : IP67 Mated.
- RoHS Compliant

RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/15/2024	TITLE M12 A code Female Connector Rear Fastened	
	0 = ±.50	CH.K 07/15/2024	SCALE -	SIZE A4
	0.0 = ±.25 0.15 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/15/2024	PART NO. A-MN12-XXP-FFSS-SR-70002	REV. 01 SHEET 1 OF 1