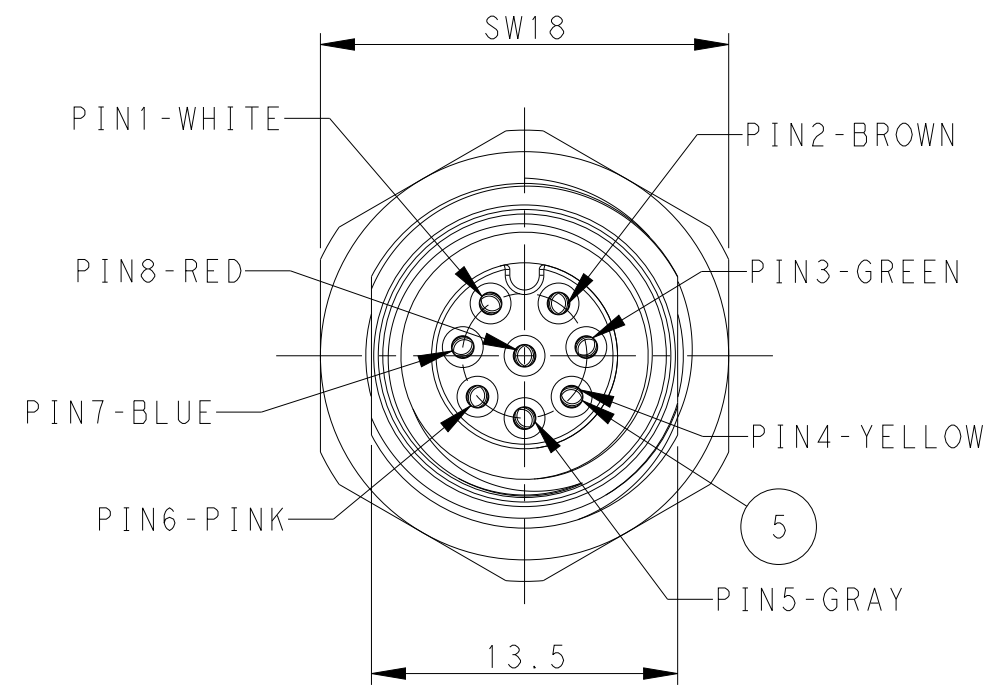
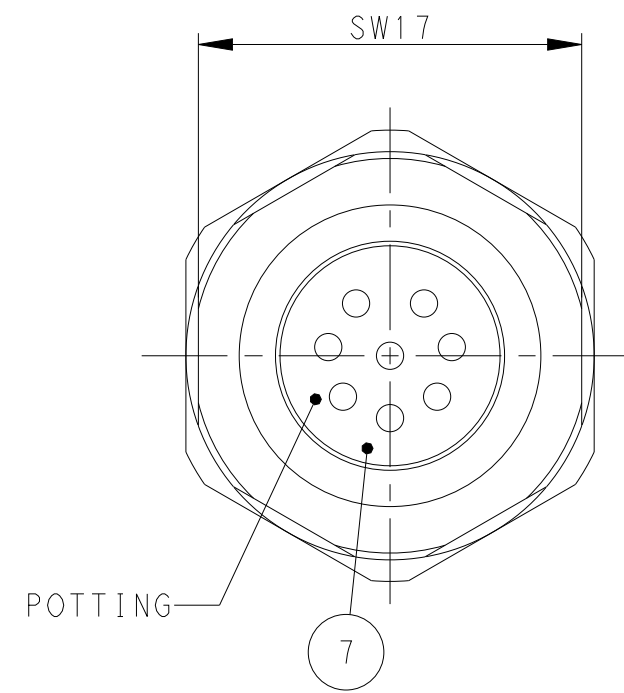
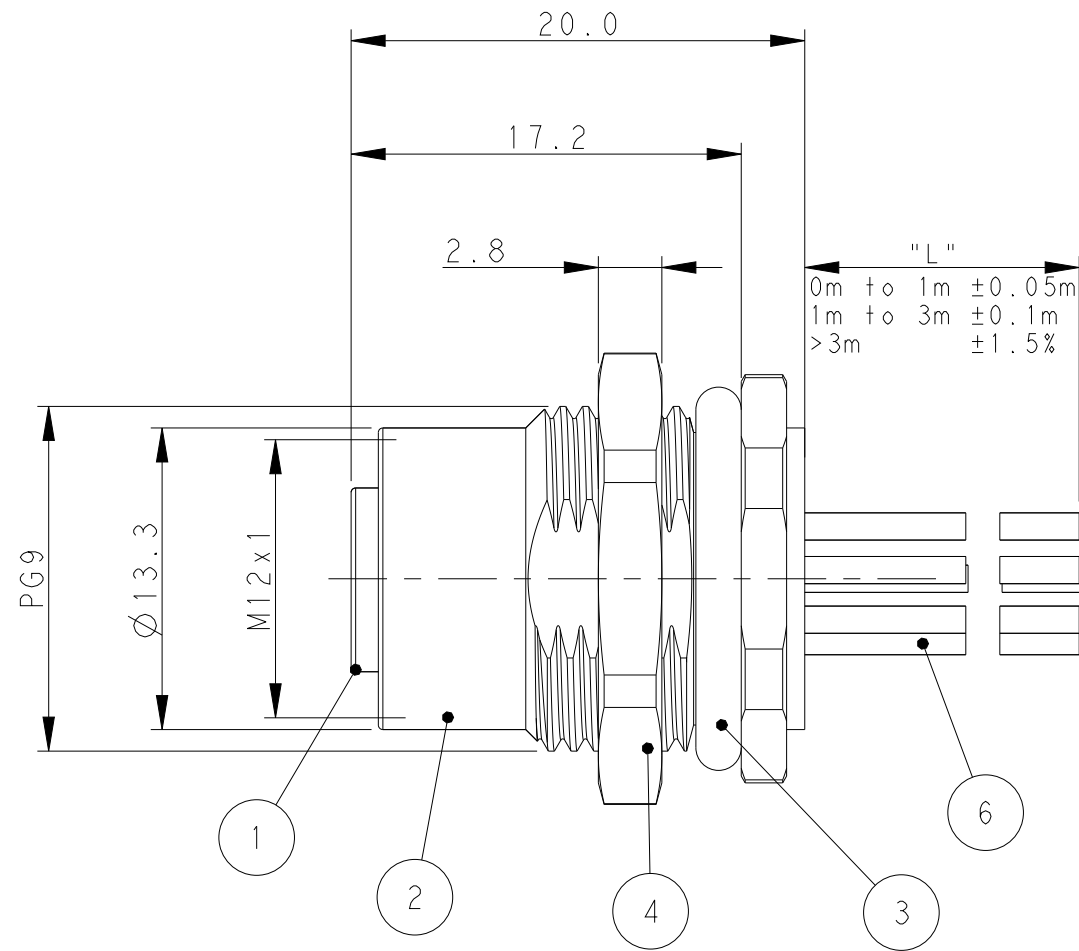


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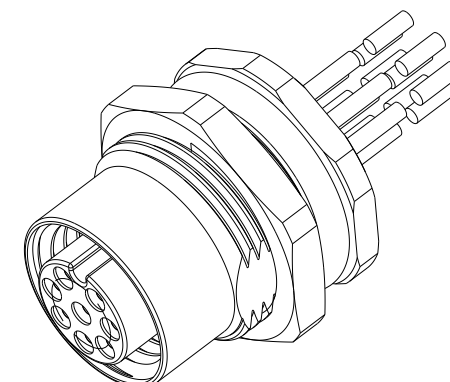
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	03JAN2018	G.W	C.W
	B	ECR-19-009136	30JUL2019	C.D	C.W
	B1	ECR-21-121934	24NOV2021	G.W	C.W



M12, FEMALE, 8POLES



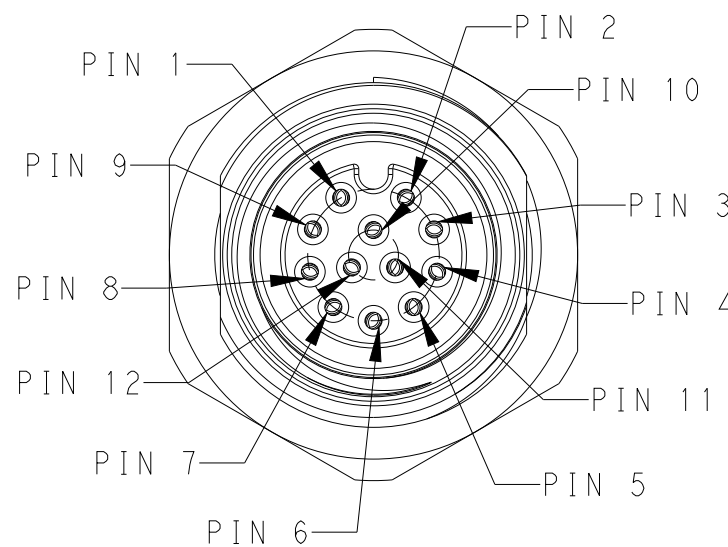
POTTING



SCALE 2:1



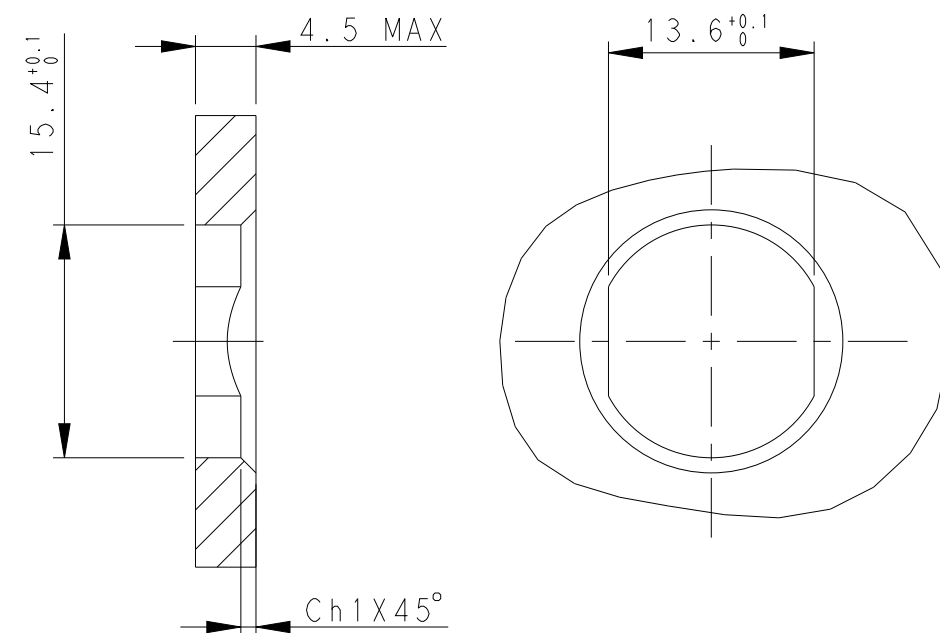
CIRCUIT DIAGRAM



M12, FEMALE, 12POLES

TABLE 1

TECHNICAL DATA	T4171120008-00X	T4171130012-00X
RATED VOLTAGE	30V	30V
RATED CURRENT	2A	1.5A
POLLUTION DEGREE	3	3
OVERVOLTAGE CATEGORY	II	II
MATERIAL GROUP	II	II
DEGREE OF PROTECTION	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C



HOUSING CUTOUT FOR PG9 FASTENING THREAD,
MOUNTING PANEL WITH FEEDTHROUGH HOULE
(ALTERNATIVELY WITH AREA AS ANTI-ROTATION
PROTECTION FOR PANEL THICKNESSES>2.5MM UP TO
MAX. 4.5MM)

RECOMMENDED PANEL CUTOUT

TABLE 2

WIRES: 0.25MM^2(24AWG) FOR 8P 0.14MM^2(26AWG) FOR 12P	-001:0.2M -002:0.5M -003:1.0M CUSTOMIZATION: -0XX:X.XM(<10M)	RPC-M12-FF-12CON-PG9-X.XLAU 	12	T4171130012-00X 
		RPC-M12-FF-8CON-PG9-X.XLAU 	8	T4171120008-00X 
CABLE CHARACTERISTIC	CABLE LENGTH "L"	TYPE	POS.	PART NUMBER

-	EPOXY RESIN	POTTING ADHESIVE	7
-	-	CABLE	6
GOLD PLATED	BRASS	CONTACT	5
NICKEL PLATED	BRASS	METAL NUT	4
BLACK	RUBBER	O-RING	3
NICKEL PLATED	BRASS	M12,FEMALE,METAL BODY	2
-	PA	M12,FEMALE HSG	1
OTHERS	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 03JAN2018 GAVIN WANG CHK 03JAN2018 KEVIN HUANG APVO 03JAN2018 CHRIS WANG		 TE Connectivity		ITEM	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME M12 PANEL MOUNT CONNECTOR A CODE, FEMALE, REAR MOUNT WITH WIRE			
		PRODUCT SPEC 108-106140 APPLICATION SPEC 114-137144		SIZE A2		CAGE CODE -	
MATERIAL - -		FINISH - -		DRAWING NO G=T417112000800X		RESTRICTED TO	
CUSTOMER DRAWING				SCALE 3:1		SHEET 1 OF 1	
						REV B1	

NOTE :

1. TECHNICAL DATA: SEE TABLE 1

2. RECOMMENDED MOUNT PANEL SEE DETAIL

3. PACKAGING: 1PCS/BAG

4. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

5. SEE TABLE 2, TYPE CODING:

-X.X: CALBE LEGTH: -0.2:0.2M; -0.5:0.5M; -1.0:1.0M

6. SEE TABLE 2, PN CODING:

-00X:CALBE LEGTH:-001:0.2M;-002:0.5M;-003:1.0M

注释：

| , 技术参数, 见表 |

2. 推荐开孔尺寸详见如图所示

3. 包装: 1PCS/袋

4. 所有尺寸仅供参考, 除非另有说明

5. 参照表2, 型号编码:

-X、X: 线缆长度: -0.2:0.2M; -0.5:0.5M; -1.0:1.0M

6. 参照表2, 料号编码:

-00X: 线缆长度: -001: 0.2M; -002: 0.5M; -003: 1.0M

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