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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		INITIAL RELEASE	27OCT2016	N.P X.X
B		ECR-20-013880	16NOV2021	B.P C.W

NOTES:

1. TECHNICAL DATA: SEE TABLE 1
2. PIN ARRANGEMENT: SEE TABLE 2
3. RECOMMEND TORQUE 0.6Nm
4. ALL PRODUCT MUST COMPLIANCE WITH ROHS AND REACH.

TABLE 1

TECHNICAL DATA	T4145435021-001	T4145435031-001	T4145435041-001	T4145435051-001
RATED VOLTAGE	250V	250V	250V	60V
TATED IMPULSE VOLTAGE	2500V	2500V	2500V	1500V
RATED CURRENT	4A	4A	4A	4A
POLLUTION DEGREE	3	3	3	3
OVERVOLTAGE CATEGORY	II	II	II	II
MATERIAL GROUP	II	II	II	II
CONTACT RESISTANCE	≤5mΩ	≤5mΩ	≤5mΩ	≤5mΩ
INSULATION RESISTANCE	>100MΩ	>100MΩ	>100MΩ	>100MΩ
DEGREE OF PROTECTION	IP67	IP67	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C	-40~85°C	-40~85°C

RECOMMENDED PANEL SIZE

RECOMMENDED PCB LAYOUT  
PCB THICKNESS: 1.6mm

注意事项

1. 技术参数: 见表1
2. PIN 针排布见表2;
3. 推荐扭矩0.6Nm;
4. 产品必须符合ROHS与REACH.

TABLE 2

PIN ARRANGEMENT  
D-CODE

T4145435021-001	T4145435031-001	T4145435041-001	T4145435051-001

	MATERIAL	DESCRIPTION	ITEM
	BRASS	SHIELDING	8
	PA66	SPACER	7
-	BRASS	NUT	6
-	SILICONE	O-RING	5
-	BRASS	COUPLING NUT	4
	SILICONE	O-RING	3
BALCK COLOR	PA66	HOUSING	2
GOLD FLASH	BRONZE	CONTACT	1

TYPE	POS.	PART NUMBER
RPC-M12B-FF-5CON-M12-LPSH1	5	T4145435051-001
RPC-M12B-FF-4CON-M12-LPSH1	4	T4145435041-001
RPC-M12B-FF-3CON-M12-LPSH1	3	T4145435031-001
RPC-M12B-FF-2CON-M12-LPSH1	2	T4145435021-001

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DWN Nick Pan 26AUG2016  
 CHK Kobby Zhao 26AUG2016  
 APVD Xiang Xu 26AUG2016

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.25
2 PLC	±0.15
3 PLC	±
4 PLC	±
ANGLES	±
FINISH	-

MATERIAL: -

PRODUCT SPEC: 108-106140  
 APPLICATION SPEC: 114-137144

WEIGHT: -

CUSTOMER DRAWING

**STE** TE Connectivity

NAME: M12 RECEPTACLE CONNECTOR, PCB ASSEMBLY, ANGLED, SHIELDED, B-CODE

SIZE: A2 CAGE CODE: - DRAWING NO: G-T41454350X1001 RESTRICTED TO: -

SCALE: 2:1 SHEET 1 OF 1 REV B

1471-9 (3/13)