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B

A

TABLE 1

TECHNICAL DATA	T4140512021-000	T4140512031-000	T4140512041-000	T4140512051-000
RATED VOLTAGE	250V	250V	250V	60V
RATED CURRENT	4A	4A	4A	4A
POLLITION DEGREE	3	3	3	3
OVERVOLTAGE CATEGORY	II	II	II	II
MATERIAL GROUP	II	II	II	II
CONTACT RESISTANCE	<=10mΩ	<=10mΩ	<=10mΩ	<=10mΩ
INSULATION RESISTANCE	>100MΩ	>100MΩ	>100MΩ	>100MΩ
DEGREE OF PROTECTION	IP67	IP67	IP67	IP67
OPERATION TEMPEATURE	-40~85°C	-40~85°C	-40~85°C	-40~85°C

PIN ARRANGEMENT
D-CODE

T4140512021-000	T4140512031-000	T4140512041-000	T4140512051-000

RECOMMENDED DRILLING DIAGRAM

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECR-16-010100 UPDATE NAME	14JUL2016	L.Z	X.X
	B1	ECR-18-008476,ADD PCB LAYOUT	08JUN2018	G.W	C.W
	B2	ECR-18-009727	22JUN2018	G.W	C.W

NOTE:
1. TECHNICAL DATA: SEE TABLE 1
2. RECOMMENDED MOUNT PANEL SEE DETAIL
3. PRODUCT COMPLIES WITH IEC61076-2-101
4. PLASTIC INERT MATERIAL:UL LISTED WITH UL94V0 FLAME RATING
5. ALL MATERIALS TO BE ROHS COMPLIANT
6. ALL MATERIALS TO BE REACH COMPLIANT
7. PN INFORMATION FOR ASSEMBLY PARTS

T41405120X1-000

CONTACT FINISH:
1: GOLD 3u''
NUMBER OF PINS:
02: 2 PINS
03: 3 PINS
04: 4 PINS
05: 5 PINS

T41405120X1-000

端子电镀:
1: 3u''金
针数:
02: 2 针
03: 3 针
04: 4 针
05: 5 针

T4140512021-000	RPC-M12D-MF-2CON-PG9-LBU						
T4140512031-000	RPC-M12D-MF-3CON-PG9-LBU						
T4140512041-000	RPC-M12D-MF-4CON-PG9-LBU						
T4140512051-000	RPC-M12D-MF-5CON-PG9-LBU						
TE PN	TYPE						
3u'' GOLD MIN.	COPPER ALLOY CONTACT	5	2	3	4	5	
200u'' NICKEL MIN.	COPPER ALLOY METAL NUT	4	1	1	1	1	
-	- O-RING	3	1	1	1	1	
200u'' NICKEL MIN.	COPPER ALLOY M12,MALE,METAL BODY	2	1	1	1	1	
-	PA66 M12,MALE HSG	1	1	1	1	1	
PLATING	MATERIAL	DESCRIPTION	ITEM	T4140512021-000	T4140512031-000	T4140512041-000	T4140512051-000

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±0.2
4 PLC ±
ANGLES ±
FINISH -
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DWN BO GAO 01FEB2016
CHK KOBBY ZHAO 01FEB2016
APVD XIANG XU 01FEB2016
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -
CUSTOMER DRAWING

TE Connectivity
NAME M12 PANEL MOUNT CONNECTOR
D CODE, MALE, REAR MOUNTING
PCB SOLDERING
SIZE A2
CAGE CODE -
DRAWING NO C-T41405120X1000
RESTRICTED TO -
SCALE 3:1
SHEET 1 OF 1
REV B2