

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
B		ECR-16-010100 UPDATE NAME	14JUL2016	L.Z X.X

TABLE 1

TECHNICAL DATA	T4142512021-000	T4142512031-000	T4142512041-000	T4142512051-000
RATED VOLTAGE	250V	250V	250V	60V
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	$\leq 10m\Omega$	$\leq 10m\Omega$	$\leq 10m\Omega$	$\leq 10m\Omega$
INSULATION RESISTANCE	$> 100M\Omega$	$> 100M\Omega$	$> 100M\Omega$	$> 100M\Omega$
DEGREE OF PROTECTION	IP67	IP67	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C	-40~85°C	-40~85°C

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

注释:

- 1: 技术参数, 见表 1
- 2: 推荐开孔尺寸详见如图所示
- 3: 产品符合标准 IEC61076-2-101
- 4: 塑胶材料符合 UL 标准, UL-94V0 阻燃等级
- 5: 所有材料符合 ROHS 参照标准 TEC-138-705
- 6: 所有材料符合 REACH 参照标准 TEC-138-705
- 7: 成品料号信息如下:

T41425120X1-000

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

T41425120X1-000

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

PIN ARRANGEMENT  
D-CODE

T4142512021-000 T4142512031-000 T4142512041-000

T4142512051-000

RECOMMENDED PANEL CUTOUT

T4142512021-000	RPC-M12D-MB-2CON-PG9-LBU
T4142512031-000	RPC-M12D-MB-3CON-PG9-LBU
T4142512041-000	RPC-M12D-MB-4CON-PG9-LBU
T4142512051-000	RPC-M12D-MB-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	T4142512021-000	T4142512031-000	T4142512041-000	T4142512051-000

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BO GAO 02FEB2016	TE Connectivity	
DIMENSIONS: mm		CHK KOBBY ZHAO		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD XIANG XU	NAME M12 PANEL MOUNT CONNECTOR D CODE, MALE, FRONT MOUNTING PCB SOLDERING	
0 PLC ±		PRODUCT SPEC 108-106140	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±0.2		APPLICATION SPEC 114-137144	A2 - G-T41425120X1000	
2 PLC ±0.2		WEIGHT -	SCALE 3:1 SHEET 1 OF 1 REV B	
3 PLC ±0.2		CUSTOMER DRAWING		
4 PLC ±				
ANGLES ±				
FINISH -				

1471-9 (3/13)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard Circular Connector](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[C015](#) [10F006](#) [001](#) [1](#) [5M2530B10P](#) [600259N006](#) [600273N007](#) [600432N009](#) [6280-2PG-519](#) [6280-3PG-311](#) [6280-3SG-311](#) [6280-7SG-3DC](#)  
[6280-7SG-522](#) [6282-5PG-311](#) [6282-6PG-519](#) [6282-8SG-311](#) [6283-11](#) [6283-15](#) [6290](#) [6382-2PG-311](#) [6382-2PG-3DC](#) [6382-2SG-321](#) [6382-2SG-3DC](#) [6382-4SG-516](#) [67-03E20-37P](#) [681-PMG](#) [CXS3102A14S2P](#) [CXS3102A181S](#) [CXS3106A14S6S](#) [MB12P-1](#) [MB12R-6](#) [7251-2PG-300](#) [7251-2SG-300](#) [7251-4PG-300](#) [7251-4SG-300](#) [7251-5PG-300](#) [7251-5SG-300](#) [7251-6SG-300](#) [7251-7PG-300](#) [7251-8PG-300](#) [7271-6SG-300](#) [7282-3PG-300-CH3](#) [73000005663](#) [75-190216-08S](#) [75-190218-10P](#) [75-474118-10P](#) [75-474618-01S](#) [75-474620-07P](#) [799539-000](#) [MI8-SE](#) [80-190222-18P](#) [805-005-07NF11-19PC](#) [805-005-07NF15-7PA](#)