



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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RELEASED FOR PUBLICATION

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REVISIONS

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

18.0HEX

13.5

20.0

18.0

6.0

11

3.0

Ø1.0

PG9

M12

16.9

45°

TABLE 1

TECHNICAL DATA	T4140412021-000	T4140412031-000	T4140412041-000	T4140412051-000
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

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

T41404120X1-000

CONTACT FINISH:
1: GOLD 3u''

NUMBER OF PINS:
02: 2 PINS
03: 3 PINS
04: 4 PINS
05: 5 PINS

T41404120X1-000

端子电镀:
1: 3u''金

针数:
02: 2 针
03: 3 针
04: 4 针
05: 5 针

PIN ARRANGEMENT
B-CODE

T4140412021-000	T4140412031-000	T4140412041-000
T4140412051-000		

4.5 MAX

13.6^{+0.1}₀

Ch1x45°

Ø15.4^{+0.1}₀

RECOMMENDED PANEL CUTOUT

T4140412021-000	T4140412031-000	T4140412041-000	T4140412051-000
RPC-M12B-MF-2CON-PG9-LBU	RPC-M12B-MF-3CON-PG9-LBU	RPC-M12B-MF-4CON-PG9-LBU	RPC-M12B-MF-5CON-PG9-LBU

TE	PN	TYPE	5	2	3	4	5
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	T4140412021-000	T4140412031-000	T4140412041-000	T4140412051-000

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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

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±0.2
4 PLC ±-
ANGLES ±-
FINISH -

SIZE A2

CAGE CODE -

DRAWING NO. C-T41404120X1000

RESTRICTED TO -

SCALE 3:1

SHEET 1 OF 1

REV B

TE Connectivity

M12 PANEL MOUNT CONNECTOR
B CODE, MALE, REAR MOUNTING
PCB SOLDERING

1471-9 (3/13)