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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	21AUG2019	HH	CW

PIN 1

PIN 2

45°

19 HEX

15.4

23 REF

20

18

3

3

Ø15.4

Ø1

Ø1.6

M17X1

1

2

4

3

5

20

20

Ø21.5

ALIGNMENT MARK

SCALE 2:1

SCALE 2:1

6

TABLE 1

TECHNICAL DATA	T4141010054-000	T4141010054-001
RATED VOLTAGE	60V	60V
RATED CURRENT	4A	4A
POLLUTION DEGREE	2	2
OVERVOLTAGE CATEGORY	II	II
MATERIAL GROUP	I	I
CONTACT RESISTANCE(INITIAL)	<=10mΩ	<=10mΩ
INSULATION RESISTANCE	>100MΩ	>100MΩ
DEGREE OF PROTECTION	IP67	IP67
OPERATION TEMPEATURE	-40~85°C	-40~85°C

MAX. 4.5

SCALE 2:1

RECOMMENDED PANEL CUTOUT

15.5^{+0.1}₀

Ø17.1^{+0.1}₀

NOTE:

1. TECHNICAL DATA: SEE TABLE 1

2. RECOMMENDED MOUNT PANEL SEE DETAIL

3. PRODUCT COMPLIES WITH IEC61076-2-012

4. PLASTIC INSERT MATERIAL:UL LISTED WITH UL94V0 FLAME RATING

5. PRODUCT CAN MEET REFLOW SOLDERING WITH 265°C MAX PEAK TEMPERATURE PER TEC-109-201

6. ALL MATERIALS TO BE ROHS COMPLIANT

7. ALL MATERIALS TO BE REACH COMPLIANT

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IEC61076-2-012

4: 塑胶材料符合UL标准, UL-94V0阻燃等级

5: 产品满足最高260度的REFLOW制程, 参考TEC-109-201

6: 所有材料符合ROHS参照标准TEC-138-705

7: 所有材料符合REACH参照标准TEC-138-705

PIN ARRANGEMENT
A-CODE

T4141010054-000

FRONT VIEW

BACK VIEW

SCALE 2:1

T4141010054-001

FRONT VIEW

BACK VIEW

SCALE 2:1

RECOMMENDED DRILLING DIAGRAM (PCB THICKNESS 1.6mm MAX)

5-Ø1.3±0.05

Ø0.05 X Y

LENGTH

WIDTH

-X-

-Y-

SCALE 2:1

6-Ø1.3±0.05

Ø0.05 X Y

LENGTH

WIDTH

-X-

-Y-

SCALE 2:1

DRILLING FOR SHIELDED PIN

TE PN

TYPE

DESCRIPTION

T4141010054-000

RPC-M12-FF-5CON-M17P-LBU

M12 PUSH-PULL PANEL MOUNT CONNECTOR,5PIN,A CODE, FEMALE,REAR MOUNTING,PCB SOLDERING,UN-SHIELDED

T4141010054-001

RPC-M12-FF-5CON-M17P-LBUS

M12 PUSH-PULL PANEL MOUNT CONNECTOR,5PIN,A CODE, FEMALE,REAR MOUNTING,PCB SOLDERING,SHIELDED

PLATING	MATERIAL	DESCRIPTION	ITEM
TIN PLATING	COPPER ALLOY	SHIELDED PIN	6
CONTACT AREA WITH 30μ"MIN.GOLD PLATED	COPPER ALLOY	CONTACT	5
NICKEL PLATING	COPPER ALLOY	METAL NUT	4
-	SILICON RUBBER	O-RING	3
NICKEL PLATING	COPPER ALLOY	M12,FEMALE,METAL BODY	2
-	PA RESIN	M12,FEMALE HSG	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH ±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±

±

±

±

±

±

±

DWN

HART HE

21MAY2019

CHK

GINO YAO

21MAY2019

APVD

CHRIS WANG

21MAY2019

PRODUCT SPEC

108-137420

APPLICATION SPEC

114-137144

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

SHEET 1 OF 1

REV A

TE Connectivity

M12 PUSH-PULL PANEL MOUNT CONNECTOR
A CODE, FEMALE, REAR MOUNTING,
PCB SOLDERING

SIZE A2

CAGE CODE 00779

DRAWING NO. C-T414101005400X

RESTRICTED TO

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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