

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	COPPER ALLOY	FLASH GOLD
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	COPPER ALLOY	-
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

2

45°

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

34.95 REF.

"L"±0.05M

50 REF.

35±5

29.05 REF.

SW13

6

1

NOTE:

1. STRIP AND RETAIN THE INSULATION

2. CODE POSITION

3. RECOMMENDED TORQUE 0.6 Nm

4. -*:CABLE LENGTH
-0.5:0.5M,
-1.0:1.0M,
-1.5:1.5M,
-3.0:3.0M,
-5.0:5.0M,
-7.0:7.0M,
-10.0:10.0M,

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

6. LABEL CONTAINS: PN, DATE CODE...

TECHNICAL DATA

	T41614X0002-00X	T41614X0003-00X	T41614X0004-00X	T41614X0005-00X
RATED VOLTAGE	250V			60V
RATED IMPULSE VOLTAGE	2500V			1500V
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

PIN ARRANGEMENT
A-CODE

T41614X0002-00X	T41614X0003-00X	T41614X0004-00X
T41614X0005-00X		

6

5

4

3

2

1

WIRE COLOR: WH/BR/BK/BL/GR

OD: APPROX.4.5MM FOR 2P/3P

APPROX.5.0MM FOR 4P/5P

FIXED:
-40°C~+80°C

FLXIBLE:
-25°C~+80°C

FIXED:
-10°C~+80°C

FLXIBLE:
-5°C~+80°C

GRAY

BLACK

PUR
(UL)

PVC
(UL)

RPC-M12-FR-5CON-PUR-**SH	4	5	T4161420005-00X
RPC-M12-FR-4CON-PUR-**SH	4	4	T4161420004-00X
RPC-M12-FR-3CON-PUR-**SH	3	3	T4161420003-00X
RPC-M12-FR-2CON-PUR-**SH	2	2	T4161420002-00X
RPC-M12-FR-5CON-PVC-**SH	5	5	T4161410005-00X
RPC-M12-FR-4CON-PVC-**SH	4	4	T4161410004-00X
RPC-M12-FR-3CON-PVC-**SH	3	3	T4161410003-00X
RPC-M12-FR-2CON-PVC-**SH	2	2	T4161410002-00X

CABLE CHARACTERISTIC	LENGTH "L"	TEMPERATURE RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PN
----------------------	------------	-------------------	--------------	-----------------	------	------	-------

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN HAO WANG 13APR2016

CHK KOBBY ZHAO 13APR2016

APVD XIANG XU 13APR2016

PRODUCT SPEC 108-106140

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME M12X1 RA RECEPTACLE, FREE END A-CODE, SHIELDED,

SIZE A2 CAGE CODE - DRAWING NO C-T41614X00XX00X RESTRICTED TO -

SCALE 2:1 SHEET 1 OF 1 REV A

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[T4161420002-002](#)