

4

3

2

1

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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	BRONZE	GOLD PLATED
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	ZAMACK	NICKEL PLATED
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

45°

2

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

34.95 REF.

"L"±0.05M

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

50 REF.

35±5

30.55 REF.

SW13

3

6

1

M12X1

(Ø15)

6

5

4

3

2

1

STE

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	13APR2016	HW	XX
	B	ECR-22-134837	26DEC2022	BP	CW

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

	T41612X0002-00X	T41612X0003-00X	T41612X0004-00X	T41612X0005-00X
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

T41612X0002-00X	T41612X0003-00X	T41612X0004-00X
PIN1 PIN3 PIN4	PIN1 PIN3 PIN4	PIN1 PIN2 PIN4
T41612X0005-00X		
PIN1 PIN2 PIN3		

WIRES: 0.34mm^2(22AWG)

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

OD: APPROX.5.0MM FOR 2P/3P

APPROX.5.5MM FOR 4P

APPROX.6.0MM FOR 5P

-001:0.5M

-002:1.0M

-003:1.5M

-004:3.0M

-005:5.0M

-006:7.0M

-007:10.0M

CABLE CHARACTERISTIC

LENGTH "L"

TEMPERATURE RANGE

JACKET COLOR

JACKET MATERIAL

FIXED:
-40°C~+80°C

FLXIBLE:
-25°C~+80°C

GRAY

BLACK

PUR (UL)

PVC (UL)

RPC-M12-MR-5CON-PUR-**SH	4	5	T4161220005-00X
RPC-M12-MR-4CON-PUR-**SH	4	4	T4161220004-00X
RPC-M12-MR-3CON-PUR-**SH	4	3	T4161220003-00X
RPC-M12-MR-2CON-PUR-**SH	4	2	T4161220002-00X
RPC-M12-MR-5CON-PVC-**SH	4	5	T4161210005-00X
RPC-M12-MR-4CON-PVC-**SH	4	4	T4161210004-00X
RPC-M12-MR-3CON-PVC-**SH	4	3	T4161210003-00X
RPC-M12-MR-2CON-PVC-**SH	4	2	T4161210002-00X

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 ±2

FINISH -

-

DWN

13APR2016

HAO WANG

CHK

13APR2016

KOBBY ZHAO

APVD

13APR2016

XIANG XU

PRODUCT SPEC

108-106140

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

SCALE

2:1

SHEET

1

OF

1

REV

B

TE Connectivity

NAME

M12X1 RIGHT ANGLE PLUG, FREE END

A-CODE,

SHIELDED,

SIZE

A2

CAGE CODE

-

DRAWING NO

©T41612X00XX00X

RESTRICTED TO

1471-9 (3/13)

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