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RELEASED FOR PUBLICATION

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

PIN 2-WHITE

PIN 1-BROWN

PIN 5-GRAY

PIN 3-BLUE

PIN 4-BLACK

47.3 REF.

15 REF.

M12X1

SW13

50 REF.

35±5

"L"

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

NOTE:

1. STRIP ALL THE INSULATION

2. CODE POSITION INDICATOR

3. RECOMMENDED TORQUE 0.6 Nm

4. -*:CABLE LENGTH
-0.5:0.5M,
-1.0:1.0M,
...
-10.0:10.0M,

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

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

7. CABLE LENGTH CODE:
STANDARD LENGTH:001...007
CUSTOMIZATION LENGTH: >1.0M;XX OR XX5
EXAMPLE:3.5M:035;15M:150...
<1.0M;99X
EXAMPLE:0.4M:994;...0.9M:999

TECHNICAL DATA

	T41511X0002-00X	T41511X0003-00X	T41511X0004-00X	T41511X0005-00X
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

T41511X0002-00X	T41511X0003-00X	T41511X0004-00X
PIN 1 PIN 3	PIN 1 PIN 3 PIN 4	PIN 2 PIN 1 PIN 3 PIN 4
T41511X0005-00X		
PIN 2 PIN 1 PIN 3 PIN 4 PIN 5		

WIRES: 0.34mm^2(22AWG)
WIRE COLOR: WH/BR/BK/BL/GR
OD: APPROX.4.5MM FOR 2P/3P
APPROX.5.0MM FOR 4P/5P

STANDARD: 1
-001:0.5 M
-002:1.0 M
-003:1.5 M
-004:3.0 M
-005:5.0 M
-006:7.0 M
-007:10.0 M
CUSTOMIZATION:
-XX0:XX.0 M
-XX5:XX.5 M
-99X:0.X M

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)

CABLE CHARACTERISTIC

LENGTH "L"

CABLE TEMP. 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

MATERIAL

-

-

DWN HAO WANG 11AUG2015

CHK KOBBY ZHAO 11AUG2015

APVD XIANG XU 11AUG2015

PRODUCT SPEC 108-106140

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME M12X1 STRAIGHT PLUG, FREE END
A-CODE,
UNSHIELDED,

SIZE A2

CAGE CODE -

DRAWING NO C-T41511X00XX00X

RESTRICTED TO

SCALE 2:1

SHEET 1 OF 1

REV B

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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[T4151110005-006](#)