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RELEASED FOR PUBLICATION

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| ITEM | DESCRIPTION    | MATERIAL       | OTHERS        |
|------|----------------|----------------|---------------|
| 1    | MALE CONTACT   | COPPER ALLOY   | GOLD PLATED   |
| 2    | HOUSING        | NYLON          | BLACK         |
| 3    | COUPLING NUT   | COPPER ALLOY   | NICKEL PLATED |
| 4    | OVER-MOLDING   | PVC/TPU        | BLACK         |
| 5    | SHIELDED SHELL | COPPER ALLOY   | NICKEL PLATED |
| 6    | CABLE          | PVC/PUR JACKET | GRAY/VIOLET   |
| 7    | LABEL          | -              | -             |

45°

2

30.75 REF.

5

34.95 REF.

50 REF.

35±5

0m to 1m±0.05m

1m to 3m±0.1m

>3m±1.5%

SW13

3

M12X1

TE

1

2

3

4

5

6

7

NOTE:

1. STRIP AND RETAIN THE INSULATION

2. CODE POSITION INDICATOR

3. RECOMMENDED TORQUE 0.6 Nm

4. -\*:CABLE LENGTH,FOR EXAMPLE:-0.5M

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

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

注释:

1. 剥线并保留护套绝缘层

2. CODE位置指示

3. 推荐扭矩0.6 Nm

4. -\*:线缆长度,例如:-0.5M

5. 线缆组件塑料袋包装

6. 标签包含: 产品编号, 日期代码...

TE PN CODING:

T

A

X

X

X

X

X

X

X

X

X

-

X

X

X

TE MI2 SERIES

CODE TYPE  
A=A CODE

POLES NO:  
5-5 POS

APPLICATION TYPE  
7=DEVICENET/CANOPEN SHIELDED

WIRE GAUGE  
B=20AWG+  
22AWG DRAIN WIRE

OVERMOLDING  
0=BLACK TPU  
1=BLACK PVC

CABLE JACKET COLOR  
5=VIOLET  
SIMILAR TO RAL4001  
6=GRAY  
SIMILAR TO RAL7037

INTERFACE TYPE  
1=MALE STRAIGHT  
2=MALE ANGLED  
3=FEMALE STRAIGHT  
4=FEMALE ANGLED  
5=MALE STRAIGHT TO FEMALE STRAIGHT  
6=MALE STRAIGHT TO FEMALE ANGLED  
A=MALE ANGLED TO FEMALE STRAIGHT

OTHER ATTRIBUTES  
1=STANDARD SCREW NUT WITH NICKEL PLATED/  
STAMPED TERMINAL 30U"AU PLATING

TYPICAL LENGTH:  
-001:0.5M  
-002:1.0M  
-020:2.0M  
-040:4.0M  
-060:6.0M  
-080:8.0M  
-007:10.0M  
-150:15.0M  
CUSTOMIZATION RULES:  
-003:1.5M  
-004:3.0M  
-005:5.0M  
-006:7.0M  
-99X:0.XM(<1.0M)  
(-993:0.3M)  
-XXX:XX.XM(>1.0M)  
(-155:15.5M)

PIN ARRANGEMENT  
A-CODE

PIN 4 CAN\_H WHITE

PIN 5 CAN\_L BLUE

PIN 1 DRAIN BARE

PIN 3 V- BLACK

PIN 2 V+ RED

CIRCUIT DIAGRAM  
MALE

4

3

5

1

2

DRAIN 1

V+ 2

V- 3

CAN\_H 4

CAN\_L 5

SHIELD

TABLE 1  
TECHNICAL DATA

TAA752A1611-XXX

TAA752A5501-XXX

|                       |       |
|-----------------------|-------|
| RATED VOLTAGE         | 60V   |
| RATED IMPULSE VOLTAGE | 1500V |
| RATED CURRENT         | 4A    |
| POLLUTION DEGREE      | 3     |
| OVERVOLTAGE CATEGORY  | II    |
| MATERIAL GROUP        | II    |
| DEGREE OF PROTECTION  | IP67  |

WIRES:2X22AWG+2X24AWG  
+1X22 AWG DRAIN WIRE  
WIRE COLOR: WHITE/BLUE/RED/BLACK  
OD: APPROX. 6.9MM  
PUR JACKET,VIOLET  
OPERATION TEMPERATURE RATING:80°C UL  
OPERATION TEMP RATING:  
-40°C To +80°C  
DRAG CHAIN TEST:  
MIN: 0.5 MILLION CYCLES,DIAMETER 75MM,  
SPEED 2m/s,ACCELERATION 2m/s²

TYPICAL LENGTH:  
-001:0.5M  
-002:1.0M  
-020:2.0M  
-040:4.0M  
-060:6.0M  
-080:8.0M  
-007:10.0M  
-150:15.0M  
CUSTOMIZATION RULES:  
-003:1.5M  
-004:3.0M  
-005:5.0M  
-006:7.0M  
-99X:0.XM(<1.0M)  
(-993:0.3M)  
-XXX:XX.XM(>1.0M)  
(-155:15.5M)

CABLE CHARACTERISTIC

LENGTH "L"

TYPE

TABLE 2  
TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 08JUN2021  
BLAZE PENG

CHK 08JUN2021  
KEVIN HUANG

APVD 08JUN2021  
CHRIS WANG

DIMENSIONS:  
mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±2

FINISH

PRODUCT SPEC  
108-106140

APPLICATION SPEC  
114-137144

WEIGHT

CUSTOMER DRAWING

NAME  
M12 A CODE CABLE ASSY,SHIELDED  
5P,MR FREE END

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
C-1SET311A02R0000

RESTRICTED TO  
-

SCALE  
2:1

SHEET  
OF

REV  
A

1471-9 (3/13)