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RELEASED FOR PUBLICATION

20

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

TE PN CODING:

T A X X X X X X X X X X - X X X

TE M12 SERIES

CODE TYPE
A=A CODE

POLES NO:
4-4 POS

APPLICATION TYPE
5=CC-LINK SHIELDED

WIRE GAUGE
B=20AWG+
22AWG DRAIN WIRE

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

CABLE JACKET
1=PVC MODERATE FLEXIBLE

OVERMOLDING
1=BLACK PVC

CABLE JACKET COLOR
4=RED
SIMILAR TO RAL3000

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)

TABLE 1

TECHNICAL DATA

RATED VOLTAGE	250V
RATED IMPULSE VOLTAGE	2500V
RATED CURRENT	4A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
DEGREE OF PROTECTION	IP67

PIN ARRANGEMENT
A-CODE

PIN 1 DRAIN BARE

PIN 2 DB WHITE

PIN 3 DG YELLOW

PIN 4 DA BLUE

CIRCUIT DIAGRAM

MALE

WIRES:3X20AWG+1X22AWG DRAIN WIRE

WIRE COLOR: BLUE/YELLOW/WHITE

OD: APPROX.7.7MM

TEMPERATURE RATING:75 C UL

OPERATING TEMP RATING:
-30 C To +60 C

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"

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 ALEX ZHANG 11APR2019

CHK HART HE 11APR2019

APVD CHRIS WANG 11APR2019

PRODUCT SPEC 108-106140

APPLICATION SPEC 114-137144

WEIGHT -

CUSTOMER DRAWING

NAME MI2 A CODE CABLE ASSY,SHIELDED 4P, MS FREE END

SIZE A2

CAGE CODE -

DRAWING NO ©TAA541BI4I1XXX

RESTRICTED TO -

SCALE 2:1

SHEET 1 OF 1

REV B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29JUL2019	A.Z	C.W
	A1	CLARIFY TYPICAL PNS	25MAY2020	A.Z	C.W
	B	ECR-22-134232	08JUN2025	B.P	C.W

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...

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