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RELEASED FOR PUBLICATION

20

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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	COPPER ALLOY	GOLD PLATED
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	COPPER ALLOY	NICKEL PLATED
4	OVER-MOLDING	TPU	BLACK
5	SHIELDED SHELL	COPPER ALLOY	NICKEL PLATED
6	O-RING	SILICONE	GRAY
7	CABLE	PUR JACKET	VIOLET
8	LABEL	-	-

29.25 REF.

34.95 REF.

50 REF.

35±5

0m to 1m ±0.05m
1m to 3m ±0.1m
>3m ±1.5%

"L"

SW13

45°

TE PN CODING:

TAXXXXX-XXX

TE MI2 SERIES

CODE TYPE
B=B CODE

POLES NO:
2-2 POS

APPLICATION TYPE
6=PROFIBUSDP SHIELDED

WIRE GAUGE
3=24AWG
4=22AWG

CABLE JACKET COLOR
5=VIOLET
SIMILAR TO RAL4001

OVERMOLDING
0=BLACK TPU

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)

CABLE JACKET
5=PUR HIGH FLEXIBLE(DRAG CHAIN)
6=PUR HIGH FLEXIBLE(TORSION)

1

2

3

4

5

6

7

8

PIN ARRANGEMENT
B-CODE

PIN 2 DATE CORE A GREEN

PIN 4 DATE CORE B RED

3

4

5

2

1

CIRCUIT DIAGRAM

FEMALE

1

2

3

4

5

SHIELD

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

CABLE CHARACTERISTIC

WIRES:24AWG
WIRE COLOR: RED AND GREEN
OD: APPROX.8.0MM
TEMPERATURE RATING:80°C UL
OPERATION TEMP RATING:-25°C To +75°C
APPLICATIONS:FLEXIBLE,SUITABLE FOR ±180°
TORSION APPLICATION,5 MILLION CYCLES
FOR 1M LENGTH

WIRES:24AWG
WIRE COLOR: RED AND GREEN
OD: APPROX.7.8MM
TEMPERATURE RATING:80°C UL
OPERATION TEMP RATING:-40°C To +80°C
APPLICATIONS:
FLEXIBLE,SUITABLE FOR DRAG CHAIN,
MIN. 1 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)

VIOLET

PUR

LENGTH "L"	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PN
			MI2B2-FR-PUR TORSION-**△	2	TAB62446501-XXX
			MI2B2-FR-PUR-**△		TAB62435501-XXX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

±
±
±
±
±
±
-

DWN 08JUN2021
CHK KEVIN HUANG
APVD CHRIS WANG

PRODUCT SPEC
108-106140

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

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ENTRELEC
Electrical Solutions

NAME
MI2 B CODE CABLE ASSY,SHIELDED
2P,FR FREE END

SIZE
A2

CAGE CODE
-

DRAWING NO
C-1SET311A09R0000

RESTRICTED TO

SCALE
2:1

SHEET
OF 1

REV
A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	08JUN2021	BP	CW

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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