

THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20		REVISIONS					
© COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.		P	LTR	DESCRIPTION			DATE
ITEM	DESCRIPTION	MATERIAL	OTHERS				A	INITIAL RELEASE			08JUN2021
1	MALE CONTACT	COPPER ALLOY	GOLD PLATED								
2	MALE HOUSING	NYLON	BLACK								
3	MALE NUT	COPPER ALLOY	NICKEL PLATED								
4	FEMALE CONTACT	COPPER ALLOY	GOLD PLATED								
5	FEMALE HOUSING	NYLON	BLACK								
6	FEMALE NUT	COPPER ALLOY	NICKEL PLATED								
7	O-RING	SILICONE	GRAY								
8	OVER-MOLDING	PVC/TPU	BLACK								
9	SHIELDED SHELL	COPPER ALLOY	NICKEL PLATED								
10	CABLE	PVC/PUR JACKET	GRAY/VIOLET								
11	LABEL	-	-								

NOTE:

①. TECHNICAL DATA SEE TABLE I

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. 技术参数参考表 I

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...

CIRCUT DIAGRAM
A-CODE

PIN 4 CAN_H WHITE

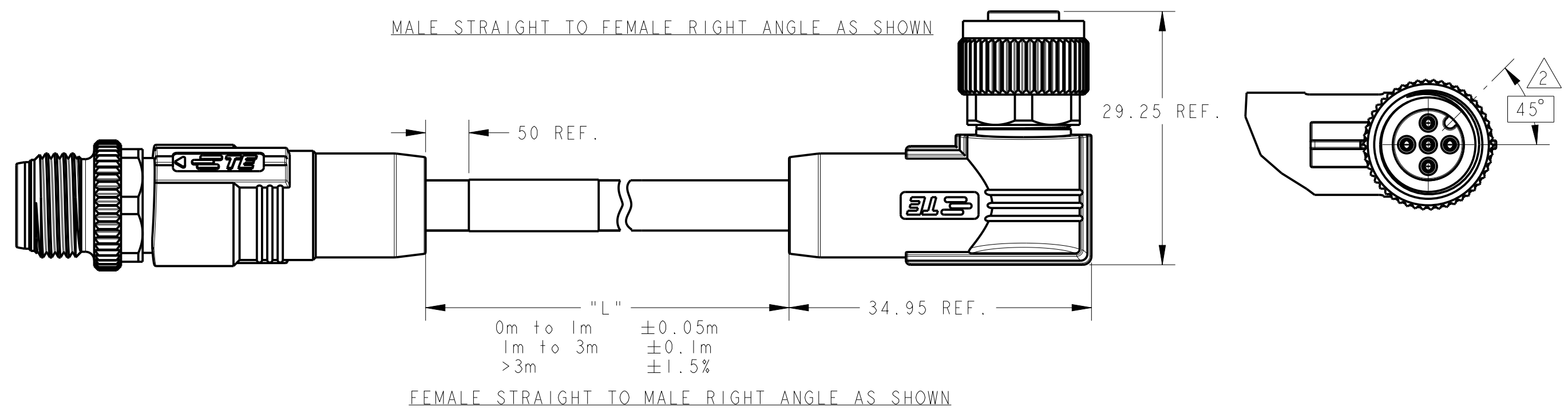
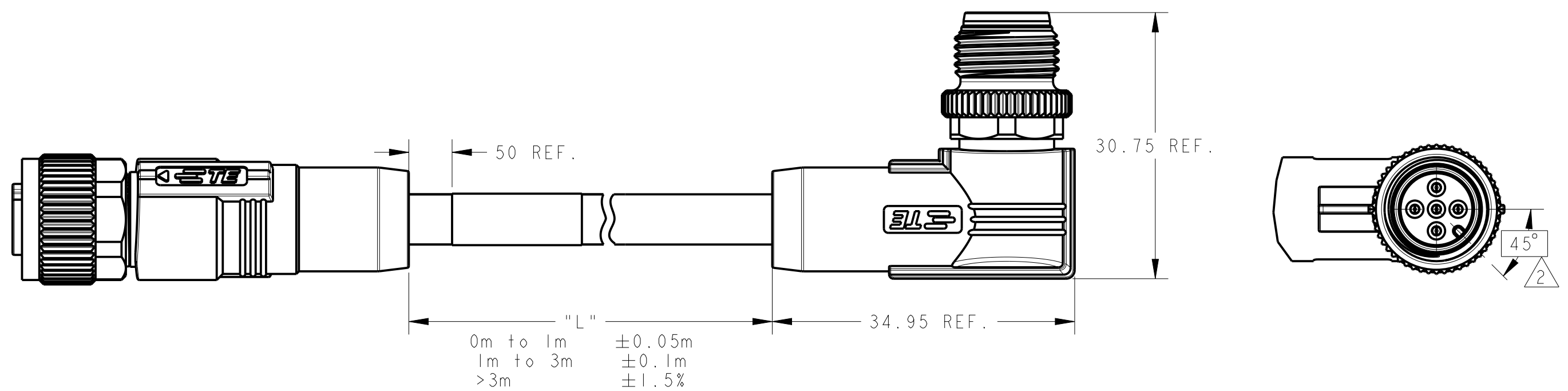
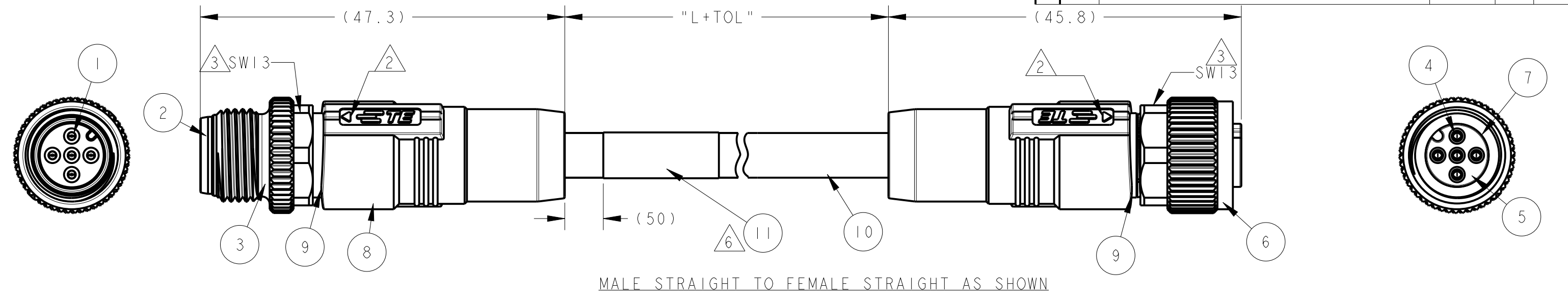
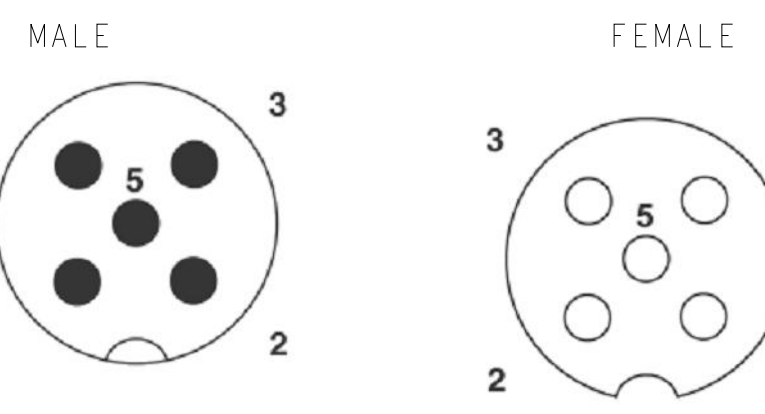
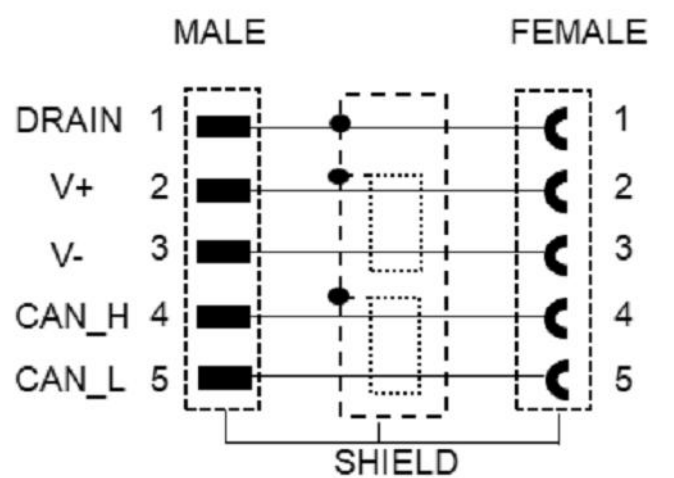
PIN 5 CAN_L BLUE

PIN 1 DRAIN BARE

PIN 3 V- BLACK

PIN 2 V+ RED

CIRCUIT DIAGRAM



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BLAZE PENG CHK KEVIN HUANG APVD CHRIS WANG	08JUN2021 08JUN2021 08JUN2021	ENTRELEC Electrical Solutions			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME MI2 A CODE CABLE ASSY, SHIELDED 5P, MALE TO FEMALE			
		0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH		PRODUCT SPEC 108-106140			
MATERIAL		-		APPLICATION SPEC 114-137144			
-		-		WEIGHT -			
				CUSTOMER DRAWING			
				SIZE A2	CAGE CODE -	DRAWING NO C-1SET311A05R0000	RESTRICTED TO
				SCALE 2:1	SHEET 1	OF 2	REV A

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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

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

OVERMOLDING
0=BLACK TPU
1=BLACK PVC

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
1=PVC MODERATE FLEXIBLE
5=PUR HIGH FLEXIBLE(DRAG CHAIN)

TECHNICAL DATA	
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

WIRES:2X22AWG+2X24AWG
+1X22 AWG DRAIN WIRE
WIRE COLOR: WHITE/BLUE/RED/BLACK
OD: APPROX.7.1MM
TEMPERATURE RATING:75°C UL
OPERATION TEMP RATING:
-10°C To +80°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)

VIOLET

PUR

GRAY

PVC

MI2A5-MR-FS-PUR-**

MI2A5-MS-FR-PUR-**

MI2A5-MS-FS-PUR-**

MI2A5-MR-FS-PVC-**

MI2A5-MS-FR-PVC-**

MI2A5-MS-FS-PVC-**

5

TAA75AA5501-XXX

TAA756A5501-XXX

TAA755A5501-XXX

TAA75AA1611-XXX

TAA756A1611-XXX

TAA755A1611-XXX

CABLE CHARACTERISTIC	LENGTH "L"	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PN
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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
BLAZE PENG
08JUN2021

CHK
KEVIN HUANG
08JUN2021

APVD
CHRIS WANG
08JUN2021

PRODUCT SPEC
108-106140

APPLICATION SPEC
114-137144

WEIGHT
-

CUSTOMER DRAWING

ENTRELEC

Electrical Solutions

NAME
MI2 A CODE CABLE ASSY,SHIELDED
5P,MALE TO FEMALE

SIZE
A2

CAGE CODE
-

DRAWING NO
ISET311A05R0000

RESTRICTED TO

SCALE
1:1

SHEET
2

OF
2

REV
A

MI2A5-MS-FS-PVC-0.5M	TAA755A1611-001	ISSET315123R0000
MI2A5-MS-FS-PVC-1.0M	TAA755A1611-002	ISSET315124R0000
MI2A5-MS-FS-PVC-2.0M	TAA755A1611-020	ISSET315126R0000
MI2A5-MS-FS-PVC-4.0M	TAA755A1611-040	ISSET315127R0000
MI2A5-MS-FS-PUR-0.5M	TAA755A5501-001	ISSET315131R0000
MI2A5-MS-FS-PUR-1.0M	TAA755A5501-002	ISSET315132R0000
MI2A5-MS-FS-PUR-2.0M	TAA755A5501-020	ISSET315134R0000
MI2A5-MS-FS-PUR-4.0M	TAA755A5501-040	ISSET315135R0000
MI2A5-MS-FR-PVC-0.5M	TAA756A1611-001	ISSET315139R0000
MI2A5-MS-FR-PVC-1.0M	TAA756A1611-002	ISSET315140R0000
MI2A5-MS-FR-PVC-2.0M	TAA756A1611-020	ISSET315142R0000
MI2A5-MS-FR-PVC-4.0M	TAA756A1611-040	ISSET315143R0000
MI2A5-MS-FR-PUR-0.5M	TAA756A5501-001	ISSET315147R0000
MI2A5-MS-FR-PUR-1.0M	TAA756A5501-002	ISSET315148R0000
MI2A5-MS-FR-PUR-2.0M	TAA756A5501-020	ISSET315150R0000
MI2A5-MS-FR-PUR-4.0M	TAA756A5501-040	ISSET315151R0000
MI2A5-MR-FS-PVC-0.5M	TAA75AA1611-001	ISSET315155R0000
MI2A5-MR-FS-PVC-1.0M	TAA75AA1611-002	ISSET315156R0000
MI2A5-MR-FS-PVC-2.0M	TAA75AA1611-020	ISSET315158R0000
MI2A5-MR-FS-PVC-4.0M	TAA75AA1611-040	ISSET315159R0000
MI2A5-MR-FS-PUR-0.5M	TAA75AA5501-001	ISSET315163R0000
MI2A5-MR-FS-PUR-1.0M	TAA75AA5501-002	ISSET315164R0000
MI2A5-MR-FS-PUR-2.0M	TAA75AA5501-020	ISSET315166R0000
MI2A5-MR-FS-PUR-4.0M	TAA75AA5501-040	ISSET315167R0000
DESCRIPTION	TE PN	ENTRELEC PN

1471-9 (3/13)