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

REVISIONS

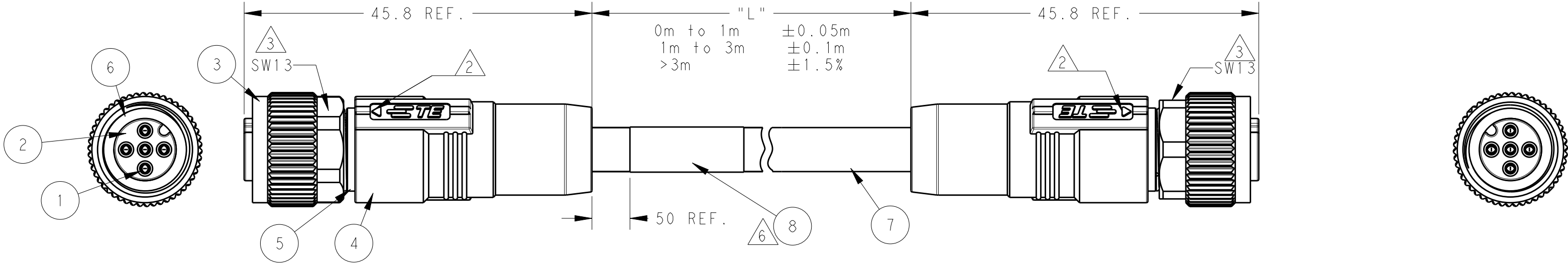
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	24DEC2018	A.Z	C.W

NOTE:

- ①. TECHNICAL DATA SEE TABLE1
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...

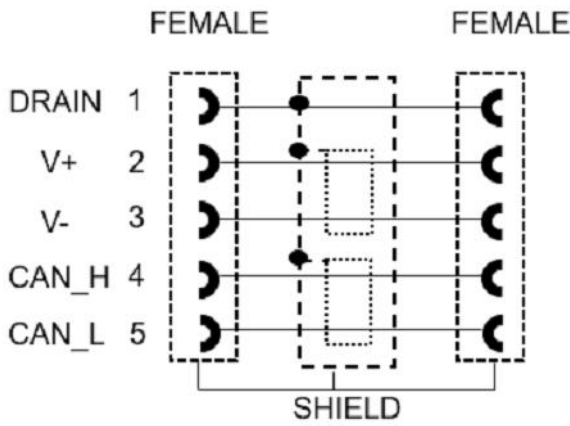


FEMALE STRAIGHT TO FEMALE STRAIGHT AS SHOWN

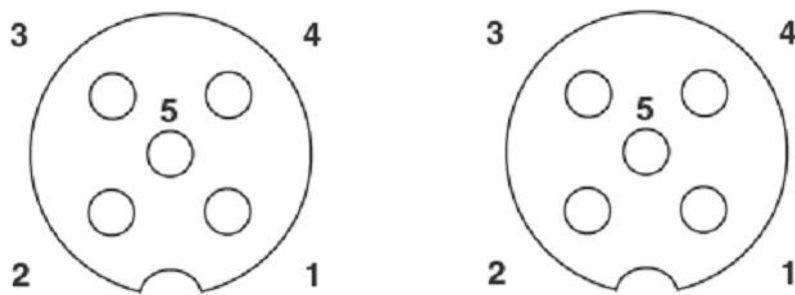
CIRCUT DIAGRAM
A-CODE

PIN 4 CAN_H WHITE
PIN 5 CAN_L BLUE
PIN 1 DRAIN BARE
PIN 3 V- BLACK
PIN 2 V+ RED

CIRCUIT DIAGRAM



FEMALE FEMALE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 18DEC2018 CHK ALEX ZHANG HART HE 18DEC2018 APVD CHRIS WANG 18DEC2018	TE Connectivity		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±1 1 PLC ±1.0 2 PLC ±0.50 3 PLC ± 4 PLC ± ANGLES ± FINISH	NAME M12 A CODE CABLE ASSY,SHIELDED 5P,FEMALE TO FEMALE		
MATERIAL - -		PRODUCT SPEC 108-106140 APPLICATION SPEC - WEIGHT -		SIZE A2 CAGE CODE - DRAWING NO. ©TAA75CAXXXXXXX RESTRICTED TO -	
CUSTOMER DRAWING		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:

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

TAXXXXXXX-XXX

TE M12 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 RAL4001
6=GRAY RAL7001

OVERMOLDING
0=BLACK TPU
1=BLACK PVC

LENGTH:
STANDARD:
-001:0.5M
-002:1.0M
-003:1.5M
-004:3.0M
-005:5.0M
-006:7.0M
-007:10.0M
CUSTOMIZATION:
-99X:0.XM(<1.0M)
(-993:0.3M)
-XXX:XX.XM(>1.0M)
(-155:15.5M)

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
C=FEMALE STRAIGHT TO FEMALE STRAIGHT

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

WIRES:2X22AWG+2X24AWG +1X22 AWG DRAIN WIRE WIRE COLOR: WHITE/BLUE/RED/BLACK OD: APPROX.6.9MM TEMPERATURE RATING:80°C UL OPERATION TEMP RATING: -40°C To +80°C	STANDARD: -001:0.5M -002:1.0M -003:1.5M -004:3.0M -005:5.0M -006:7.0M -007:10.0M CUSTOMIZATION: -99X:0.XM(<1.0M) (-993:0.3M) -XXX:XX.XM(>1.0M) (-155:15.5M)	VIOLET	PUR	M12A5-FS-FS-PUR-**	5	TAA75CA5501-XXX
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		GRAY	PVC	M12A5-FS-FS-PVC-**		TAA75CA1611-XXX
CABLE CHARACTERISTIC	LENGTH "L "	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PN

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

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±1
1 PLC ±1.0
2 PLC ±0.50
3 PLC ±
4 PLC ±
ANGLES ±
FINISH

DWN
ALEX ZHANG
18DEC2018

CHK
HART HE
18DEC2018

APVD
CHRIS WANG
18DEC2018

PRODUCT SPEC
108-106140

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
M12 A CODE CABLE ASSY,SHIELDED
5P,FEMALE TO FEMALE

SIZE
A2

CAGE CODE
-

DRAWING NO
©TAA75CAXXXXXXX

RESTRICTED TO
-

SCALE
1:1

SHEET
2

OF
2

REV
A

1471-9 (3/13)