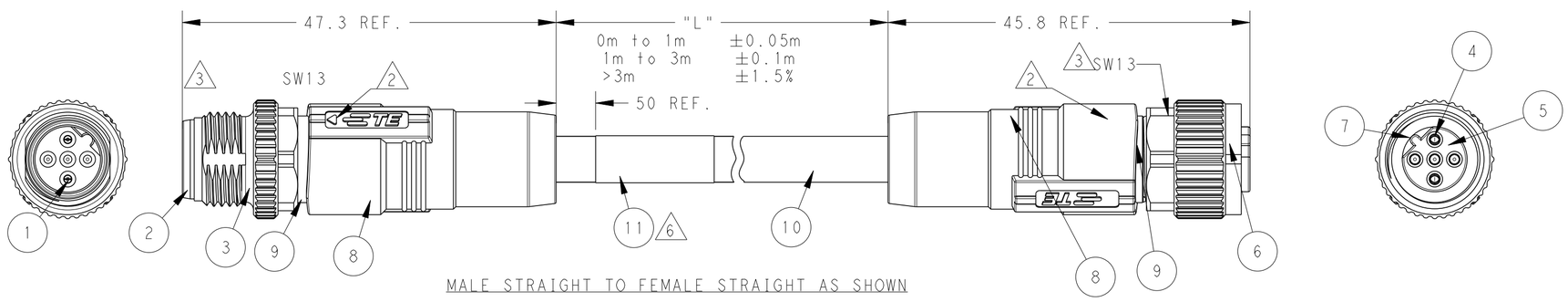
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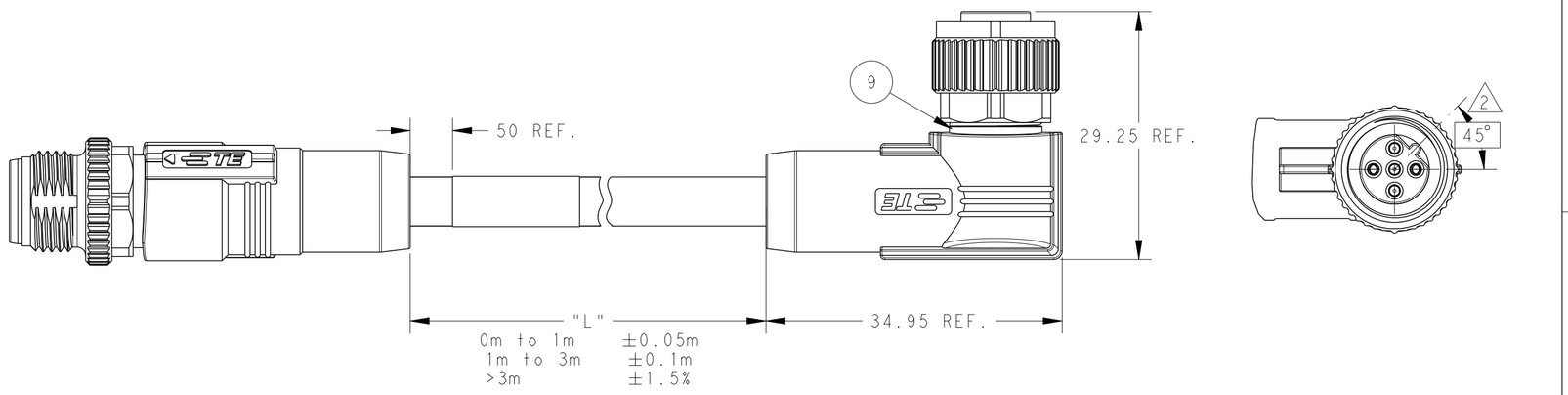
ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	COPPER ALLOY	GOLD PLATED
2	MALE HOUSING	NYLON	BLACK
3	MALE NUT	ZAMAK	NICKEL PLATED
4	FEMALE CONTACT	COPPER ALLOY	GOLD PLATED
5	FEMALE HOUSING	NYLON	BLACK
6	FEMALE NUT	ZAMAK	NICKEL PLATED
7	O-RING	SILICONE	GRAY
8	OVER-MOLDING	TPU	BLACK
9	SHIELDED SHELL	COPPER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

REVISIONS

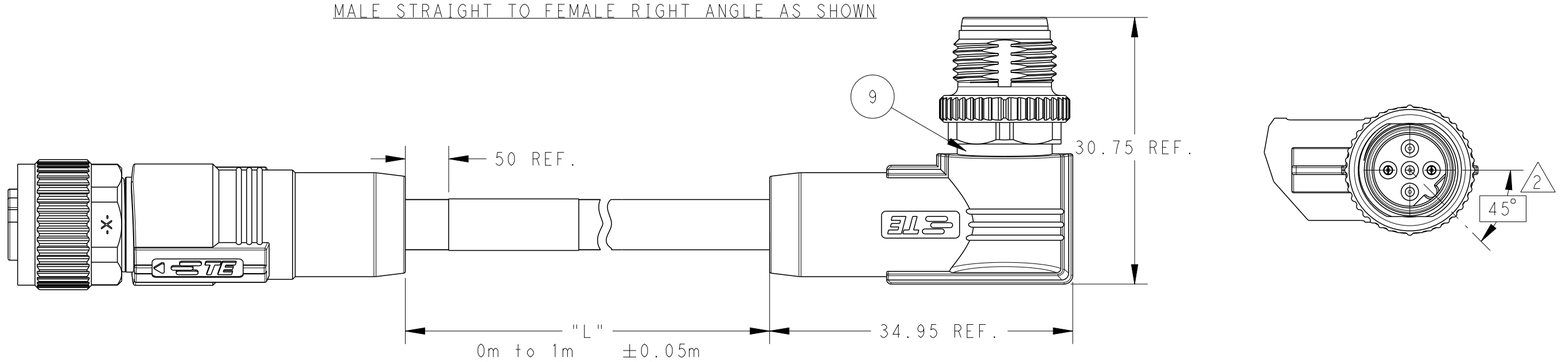
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	01AUG2019	A.Z	C.W
	A1	CLARIFY TYPICAL PNS	22JUN2020	A.Z	C.W
	B	ECR-22-134232	27JAN2026	B.P	C.W



MALE STRAIGHT TO FEMALE STRAIGHT AS SHOWN



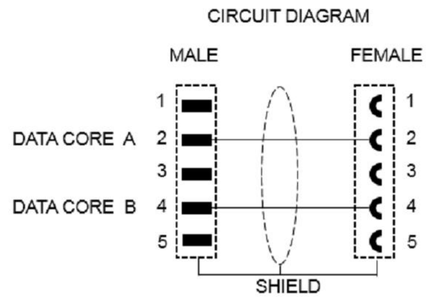
MALE STRAIGHT TO FEMALE RIGHT ANGLE AS SHOWN

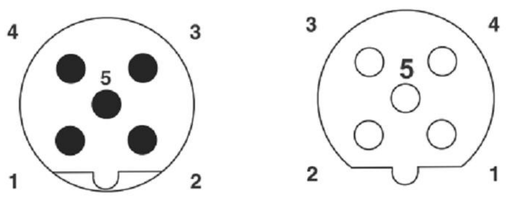


FEMALE STRAIGHT TO MALE RIGHT ANGLE AS SHOWN

CIRCUT DIAGRAM
B-CODE

PIN 2 DATE CORE A GREEN
PIN 4 DATE CORE B RED





THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - / -

FINISH - / -

DWN ALE ZHANG 11APR2019
CHK HART HE 11APR2019
APVD CHRIS WANG 11APR2019
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 B CODE CABLE ASSY,SHIELDED 2P,MALE TO FEMALE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	-	C-TAB62XXX501XXX	

RESTRICTED CUSTOMER | SCALE 2:1 | SHEET 1 OF 2 | REV B

1471-9 (3/13)

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REVISIONS

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

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...

TE PN CODING:

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

- 1: TE M12 SERIES
- 2: CODE TYPE — B=B CODE
- 3: POLES NO: — 2-2 POS
- 4: APPLICATION TYPE — 6=PROFIBUSDP SHIELDED
- 5: 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
- 6: WIRE GAUGE — 3=24AWG; 4=22AWG
- 7: CABLE JACKET — 5=PUR HIGH FLEXIBLE(DRAG CHAIN); 6=PUR HIGH FLEXIBLE(TORSION)
- 8: CABLE JACKET COLOR — 5=VIOLET SIMILAR TO RAL4001
- 9: OVERMOLDING — 0=BLACK TPU
- 10: OTHER ATTRIBUTES — 1=STANDARD SCREW NUT WITH NICKEL PLATED/ STAMPED TERMINAL 30U"AU PLATING
- 11-13: 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.	TABLE 2 TE PN
WIRES:22AWG 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	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	M12B2-MR-FS-PUR TORSION-**4	2	TAB62A46501-XXX
				M12B2-MS-FR-PUR TORSION-**4		TAB62646501-XXX
				M12B2-MS-FS-PUR TORSION-**4		TAB62546501-XXX
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				M12B2-MR-FS-PUR-**4		TAB62A35501-XXX
				M12B2-MS-FR-PUR-**4		TAB62635501-XXX
				M12B2-MS-FS-PUR-**4		TAB62535501-XXX

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

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN ALE ZHANG 11APR2019
CHK HART HE 11APR2019
APVD CHRIS WANG 11APR2019
PRODUCT SPEC 108-106140
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WEIGHT -

TE Connectivity

NAME M12 B CODE CABLE ASSY,SHIELDED 2P,MALE TO FEMALE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	-	C-TAB62XXX501XXX	

RESTRICTED CUSTOMER

SCALE 1:1 SHEET 2 OF 2 REV B

1471-9 (3/13)