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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	BRONZE	GOLD PLATED
2	FE MALE CONTACT	BRASS	GOLD PLATED
3	FEMALE NUT	BRASS	NICKEL PLATED
4	FEMALE HOUSING	PA	BLACK 4P GRAY 5P
5	METAL SHELL	BRASS	NICKEL PLATED
6	O-RING	SILICONE RUBBER	GRAY
7	CONNECTOR GRIP	TPU	BLACK
8	CABLE	PVC/PUR JACKET	BLACK OR GRAY
9	LABEL	-	-

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW RELEASE	01FEB2021	AZ	CW
	A1	ECR-22-161508	28DEC2022	G.W	C.W
	A2	ECR-24-206927 UPDATE STRIPPING METHOD	25APR2024	J.L	C.W

NOTE:

①. TECHNICAL DATA SEE TABLE1

②. CODE POSITION INDICATOR

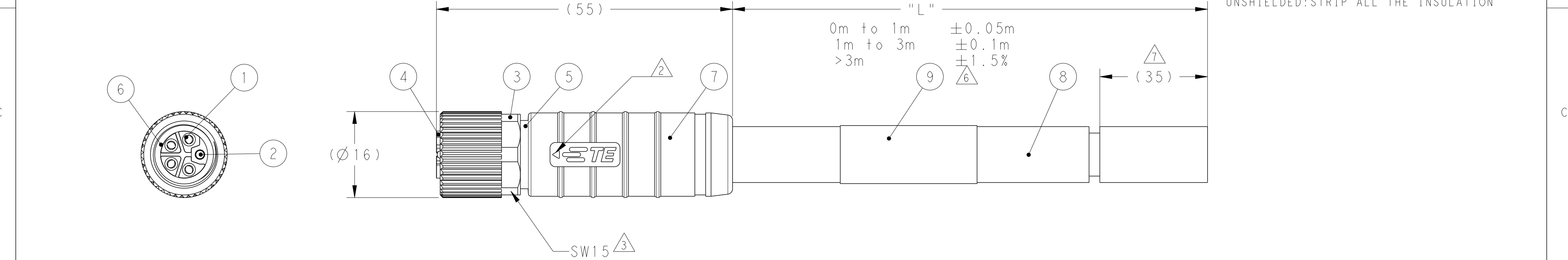
③. RECOMMENDED TORQUE 0.6 Nm

④. -** :CABLE LENGTH, FOR EXAMPLE: -0.5M

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

⑥. LABEL CONTAINS: PN, DATE CODE

⑦. SHIELDED:STRIP AND RETAIN THE INSULATION
UNSHIELDED:STRIP ALL THE INSULATION



5 POLE AS SHOWN

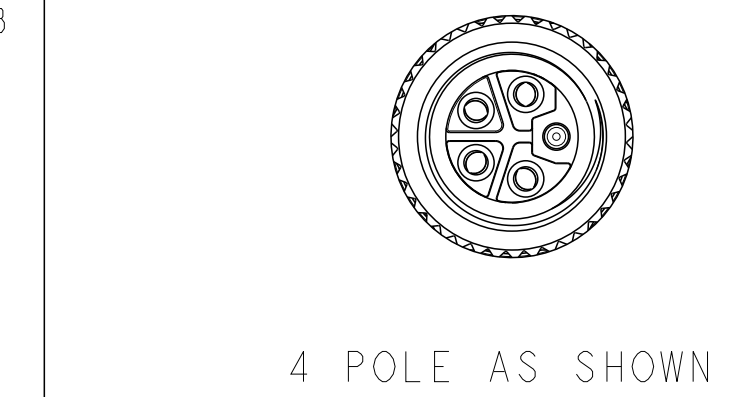


TABLE 1	
TECHNICAL DATA	
RATED VOLTAGE	63V
RATED IMPULSE VOLTAGE	1500V
RATED CURRENT	16A/14AWG 12A/16AWG
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP67

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 04NOV2020 ALEX ZHANG CHK 04NOV2020 HART HE APVD 04NOV2020 CHRIS WANG		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: <			

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TE PN CODING:

T4IXXLXX

TE M12 SERIES

SHIELDING
5=UNSHIELDED
6=SHIELDED

FORMS:
1=SINGLE ENDED
2=DOUBLE SIDED

WIRE TYPE:
9=PVC, 14AWG
B=PUR, 14AWG
C=PUR, 16AWG

CABLE GRIP:
9=TPU BLACK

JACKET COLOR:
1=BLACK
2=GRAY

CODE TYPE:
L=L CODE

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

CONN. POLE:
4=4 POLES
5=5 POLES

TYPICAL LENGTH:
-001:0.5M
-002:1.0M
-003:1.5M
-020:2.0M
-004:3.0M
-005:5.0M
-006:7.0M
-007:10.0M
-200:20.0M
CUSTOMIZATION RULES:
-99X:0.XM(<1.0M)
(-993:0.3M)
-XXX:XX.XM(>1.0M)
(-155:15.5M)

CIRCUIT DIAGRAM
L CODE

4

1

3

2

1

2

3

4

CIRCUIT DIAGRAM UNSHIELDED 4P
FEMALE

1

2

3

4

BN棕

WH白

BU蓝

BK黑

4

1

3

2

1

2

3

4

CIRCUIT DIAGRAM UNSHIELDED 5P
FEMALE

1

2

3

4

FE

BN棕

WH白

BU蓝

BK黑

GY灰

4

1

3

2

1

2

3

4

FE

CIRCUIT DIAGRAM SHIELDED 5P
FEMALE

1

2

3

4

FE

BN棕

WH白

BU蓝

BK黑

GY灰

SHIELD

WIRES: 5X14AWG
JACKET: PUR BLACK
WIRE COLOR: BROWN/WHITE/BLUE/BLACK/GRAY
OD: APPROX. 10.40mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-50°C TO +80°C FIXED
-30°C TO +80°C MOVED
SUITABLE FOR DRAG CHAIN APPLICATIONS

WIRES: 5X14AWG
JACKET: PUR GRAY
WIRE COLOR: BROWN/WHITE/BLUE/BLACK/GRAY
OD: APPROX. 10.40mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-50°C TO +80°C FIXED
-30°C TO +80°C MOVED
SUITABLE FOR DRAG CHAIN APPLICATIONS

WIRES: 5X16AWG
JACKET: PUR GRAY
WIRE COLOR: BROWN/WHITE/BLUE/BLACK/GRAY
OD: APPROX. 9.10mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-50°C TO +80°C FIXED
-30°C TO +80°C MOVED
SUITABLE FOR DRAG CHAIN APPLICATIONS

WIRES: 5X14AWG
JACKET: PUR GRAY
WIRE COLOR: BROWN/WHITE/BLUE/BLACK/GRAY
OD: APPROX. 9.65mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-50°C TO +80°C FIXED
-30°C TO +80°C MOVED
SUITABLE FOR DRAG CHAIN APPLICATIONS

WIRES: 5X14AWG
JACKET: PVC GRAY
WIRE COLOR: BROWN/WHITE/BLUE/BLACK/GRAY
OD: APPROX. 10.1mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-40°C TO +80°C FIXED
-20°C TO +80°C MOVED

WIRES: 4X16AWG
JACKET: PUR BLACK
WIRE COLOR: BROWN/WHITE/BLUE/BLACK
OD: APPROX. 8.4mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-50°C TO +80°C FIXED
-30°C TO +80°C MOVED
SUITABLE FOR DRAG CHAIN APPLICATIONS

WIRES: 4X14AWG
JACKET: PVC BLACK
WIRE COLOR: BROWN/WHITE/BLUE/BLACK
OD: APPROX. 9.5mm
TEMPERATURE RATING: 80°C UL
TEMP RATING:
-40°C TO +80°C FIXED
-20°C TO +80°C MOVED

CABLE CHARACTERISTIC

LENGTH "L"

TYPE

POS.

HSG COLOR

SHIELDING

TABLE 2
TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±1
1 PLC ±0.5
2 PLC ±0.3
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

DWN
ALEX ZHANG
CHK
HART HE
APVD
CHRIS WANG

04NOV2020
04NOV2020
04NOV2020

PRODUCT SPEC
108-137350
APPLICATION SPEC
114-137144
WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

M12 L CODE CORDSETS
FEMALE STRAIGHT

SIZE
A2

CAGE CODE
-

DRAWING NO
T41X13XXLXXXXX

RESTRICTED TO
-

SCALE
1:1

SHEET
2 OF 2

REV
A2

REVISEMENTS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

1471-9 (3/13)