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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	COPPER ALLOY	GOLD PLATED
2	FE FEMALE CONTACT	COPPER ALLOY	GOLD PLATED
3	MALE NUT	COPPER ALLOY	NICKEL PLATED
4	MALE HOUSING	NYLON	BLACK 4P GRAY 5P
5	METAL SHELL	COPPER ALLOY	NICKEL PLATED
6	CONNECTOR GRIP	TPU	BLACK
7	CABLE	PVC/PUR JACKET	BLACK OR GRAY
8	LABEL	-	-

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW RELEASE	01FEB2021	AZ	CW

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...

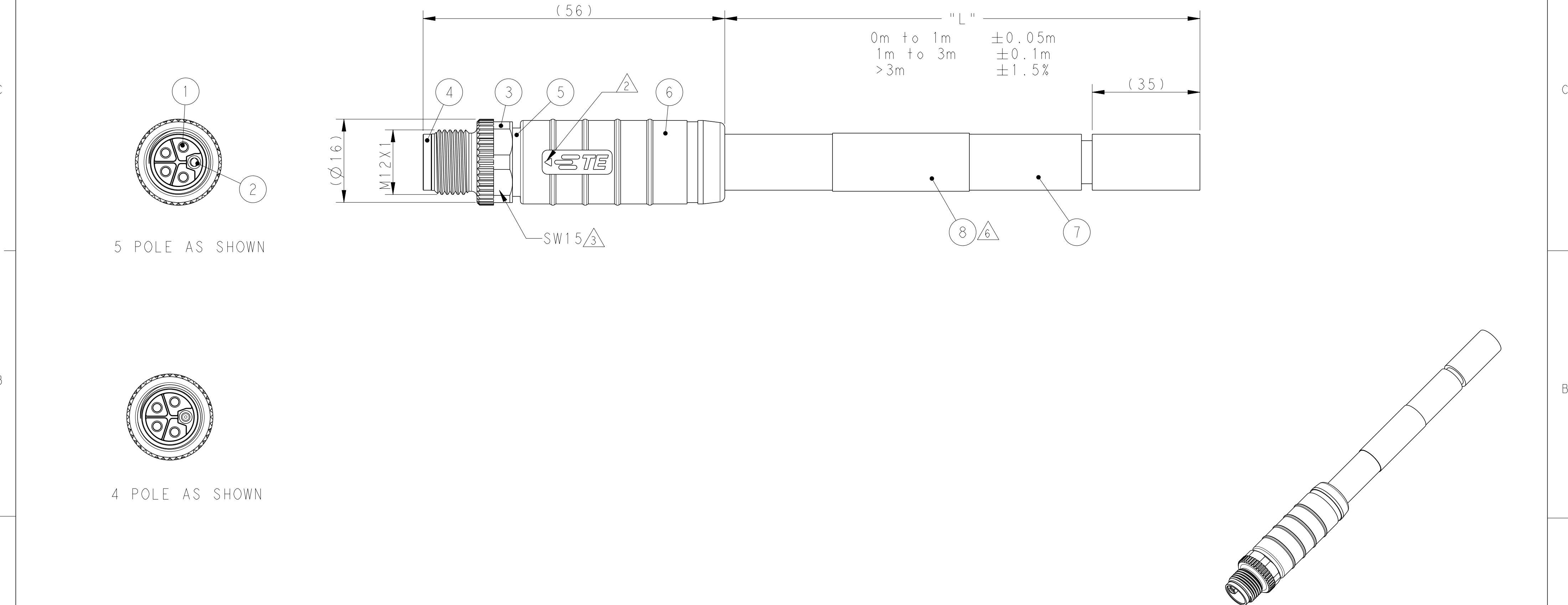
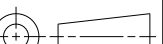
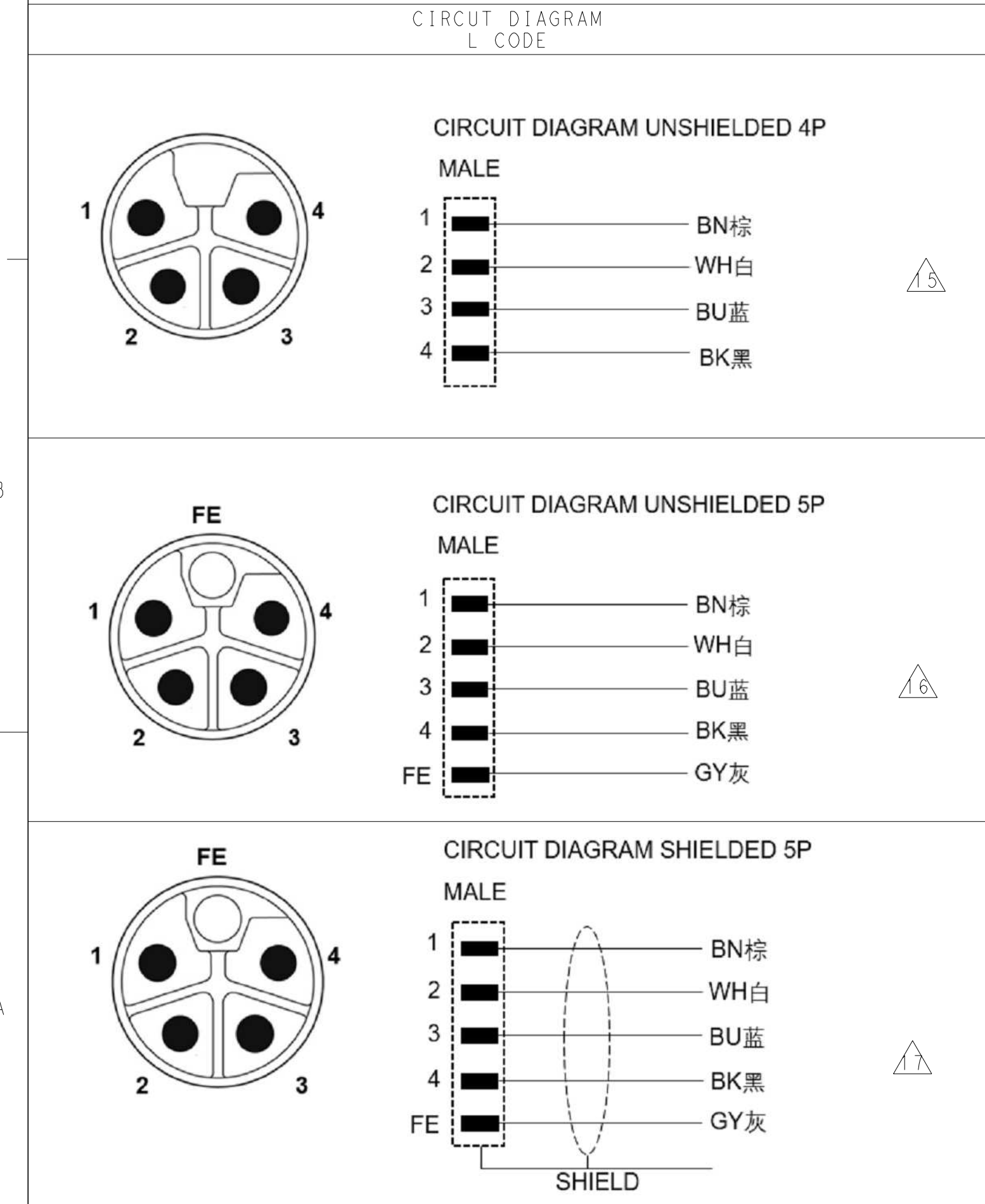
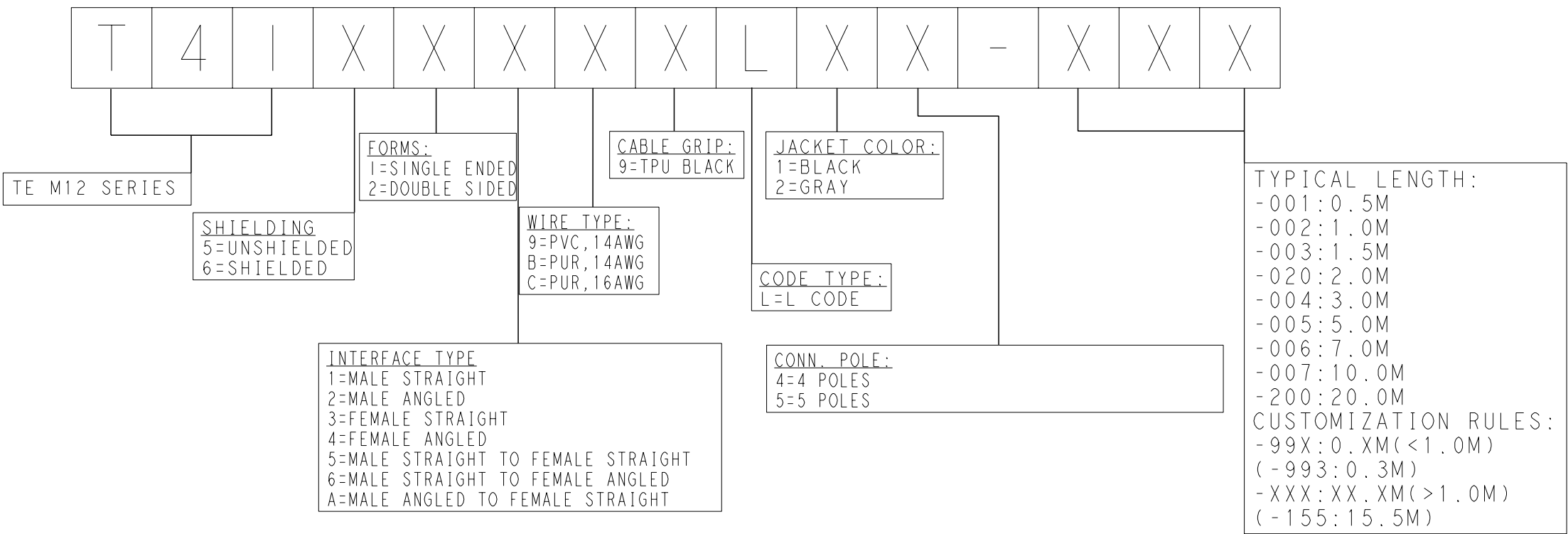


TABLE 1	
TECHNICAL DATA	
RATED VOLTAGE	63V
RATED IMPULSE VOLTAGE	1500V
RATED CURRENT	16A/14AWG 12A/16AWG
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP67

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX ZHANG 04NOV2020	TE Connectivity			
DIMENSIONS:		CHK HART HE 04NOV2020				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD CHRIS WANG 04NOV2020	NAME M12 L CODE CORDSETS MALE STRAIGHT			
	0 PLC ±1	PRODUCT SPEC				
	1 PLC ±0.5	108-137350				
	2 PLC ±0.30	APPLICATION SPEC				
	3 PLC ±-	114-137144				
	4 PLC ±-					
MATERIAL	ANGLES ±-	WEIGHT -	SIZE A2	CAGE CODE -	DRAWING NO C=T41X11XXLXXXXX	RESTRICTED TO -
-	FINISH -	CUSTOMER DRAWING	SCALE 2:1	SHEET 1 OF 2	REV A	
-						

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

TE PN CODING:



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	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)	RPC-M12L-5MS-**-SH PUR 14AWG GY14	5	GRAY	Y	T41611B9L25-XXX17
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		RPC-M12L-5MS-**-PUR 16AWG GY14	5	GRAY	N	T41511C9L25-XXX16
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		RPC-M12L-5MS-**-PUR 14AWG GY14	5	GRAY	N	T41511B9L25-XXX16
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		RPC-M12L-5MS-**-PVC 14AWG GY14	5	GRAY	N	T4151199L25-XXX16
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		RPC-M12L-4MS-**-PUR 16AWG BK14	4	BLACK	N	T41511C9L14-XXX15
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		RPC-M12L-4MS-**-PVC 14AWG BK14	4	BLACK	N	T4151199L14-XXX15
CABLE CHARACTERISTIC	LENGTH "L"	TYPE	POS.	HSG COLOR	SHIELDING	TABLE 2 TE PN
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ALEX ZHANG CHK HART HE APVD CHRIS WANG	04NOV2020 04NOV2020 04NOV2020			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±1 1 PLC ±0.5 2 PLC ±0.30 3 PLC ± 4 PLC ± ANGLES ± FINISH	PRODUCT SPEC 108-137350 APPLICATION SPEC 114-137144 WEIGHT -	NAME M12 L CODE CORDSETS MALE STRAIGHT			
MATERIAL -		CUSTOMER DRAWING	SIZE A2	CAGE CODE -	DRAWING NO C41X11XXLXXXXX	RESTRICTED TO -
			SCALE 2:1	SHEET 2 OF 2	REV A	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[RPC-M12L-4FR-0.5-PUR 16AWG BK](#) [RPC-M12L-4FR-0.5-PVC 14AWG BK](#) [RPC-M12L-4FR-1.0-PUR 16AWG BK](#)
[RPC-M12L-4FR-1.0-PVC 14AWG BK](#) [RPC-M12L-4FR-1.5-PUR 16AWG BK](#) [RPC-M12L-4FR-1.5-PVC 14AWG BK](#)
[RPC-M12L-4FR-10.0-PUR 16AWG BK](#) [RPC-M12L-4FR-10.0-PVC 14AWG BK](#) [RPC-M12L-4FR-2.0-PUR 16AWG BK](#)
[RPC-M12L-4FR-2.0-PVC 14AWG BK](#) [RPC-M12L-4FR-20.0-PUR 16AWG BK](#) [RPC-M12L-4FR-20.0-PVC 14AWG BK](#)
[RPC-M12L-4FR-3.0-PUR 16AWG BK](#) [RPC-M12L-4FR-3.0-PVC 14AWG BK](#) [RPC-M12L-4FR-5.0-PUR 16AWG BK](#)
[RPC-M12L-4FR-5.0-PVC 14AWG BK](#) [RPC-M12L-4FR-7.0-PUR 16AWG BK](#) [RPC-M12L-4FR-7.0-PVC 14AWG BK](#)
[RPC-M12L-4FS-0.5-PUR 16AWG BK](#) [RPC-M12L-4FS-0.5-PVC 14AWG BK](#) [RPC-M12L-4FS-1.0-PUR 16AWG BK](#)
[RPC-M12L-4FS-1.0-PVC 14AWG BK](#) [RPC-M12L-4FS-1.5-PUR 16AWG BK](#) [RPC-M12L-4FS-1.5-PVC 14AWG BK](#)
[RPC-M12L-4FS-10.0-PUR 16AWG BK](#) [RPC-M12L-4FS-10.0-PVC 14AWG BK](#) [RPC-M12L-4FS-2.0-PUR 16AWG BK](#)
[RPC-M12L-4FS-2.0-PVC 14AWG BK](#) [RPC-M12L-4FS-20.0-PUR 16AWG BK](#) [RPC-M12L-4FS-20.0-PVC 14AWG BK](#)
[RPC-M12L-4FS-3.0-PUR 16AWG BK](#) [RPC-M12L-4FS-3.0-PVC 14AWG BK](#) [RPC-M12L-4FS-5.0-PUR 16AWG BK](#)
[RPC-M12L-4FS-5.0-PVC 14AWG BK](#) [RPC-M12L-4FS-7.0-PUR 16AWG BK](#) [RPC-M12L-4FS-7.0-PVC 14AWG BK](#)
[RPC-M12L-4MR-0.5-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-0.5-4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-0.5-PUR](#)
[16AWG BK](#) [RPC-M12L-4MR-0.5-PVC 14AWG BK](#) [RPC-M12L-4MR-1.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-1.0-](#)
[4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-1.0-PUR 16AWG BK](#) [RPC-M12L-4MR-1.0-PVC 14AWG BK](#) [RPC-M12L-4MR-](#)
[1.5-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-1.5-4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-1.5-PUR 16AWG BK](#) [RPC-](#)
[M12L-4MR-1.5-PVC 14AWG BK](#) [RPC-M12L-4MR-10.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-10.0-4FS-PVC 14AWG](#)
[BK](#) [RPC-M12L-4MR-10.0-PUR 16AWG BK](#) [RPC-M12L-4MR-10.0-PVC 14AWG BK](#) [RPC-M12L-4MR-2.0-4FS-PUR](#)
[16AWG BK](#) [RPC-M12L-4MR-2.0-4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-2.0-PUR 16AWG BK](#) [RPC-M12L-4MR-2.0-](#)
[PVC 14AWG BK](#) [RPC-M12L-4MR-20.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-20.0-4FS-PVC 14AWG BK](#) [RPC-](#)
[M12L-4MR-20.0-PUR 16AWG BK](#) [RPC-M12L-4MR-20.0-PVC 14AWG BK](#) [RPC-M12L-4MR-3.0-4FS-PUR 16AWG BK](#)
[RPC-M12L-4MR-3.0-4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-3.0-PUR 16AWG BK](#) [RPC-M12L-4MR-3.0-PVC 14AWG](#)
[BK](#) [RPC-M12L-4MR-5.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-5.0-4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-5.0-PUR](#)
[16AWG BK](#) [RPC-M12L-4MR-5.0-PVC 14AWG BK](#) [RPC-M12L-4MR-7.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MR-7.0-](#)
[4FS-PVC 14AWG BK](#) [RPC-M12L-4MR-7.0-PUR 16AWG BK](#) [RPC-M12L-4MR-7.0-PVC 14AWG BK](#) [RPC-M12L-4MS-](#)
[0.5-4FR-PUR 16AWG BK](#) [RPC-M12L-4MS-0.5-4FR-PVC 14AWG BK](#) [RPC-M12L-4MS-0.5-4FS-PUR 16AWG BK](#)
[RPC-M12L-4MS-0.5-4FS-PVC 14AWG BK](#) [RPC-M12L-4MS-0.5-PUR 16AWG BK](#) [RPC-M12L-4MS-0.5-PVC 14AWG](#)
[BK](#) [RPC-M12L-4MS-1.0-4FR-PUR 16AWG BK](#) [RPC-M12L-4MS-1.0-4FR-PVC 14AWG BK](#) [RPC-M12L-4MS-1.0-4FS-](#)
[PUR 16AWG BK](#) [RPC-M12L-4MS-1.0-4FS-PVC 14AWG BK](#) [RPC-M12L-4MS-1.0-PUR 16AWG BK](#) [RPC-M12L-4MS-](#)

[1.0-PVC 14AWG BK](#) [RPC-M12L-4MS-1.5-4FR-PUR 16AWG BK](#) [RPC-M12L-4MS-1.5-4FR-PVC 14AWG BK](#) [RPC-M12L-4MS-1.5-4FS-PUR 16AWG BK](#) [RPC-M12L-4MS-1.5-4FS-PVC 14AWG BK](#) [RPC-M12L-4MS-1.5-PUR 16AWG BK](#)
[RPC-M12L-4MS-1.5-PVC 14AWG BK](#) [RPC-M12L-4MS-10.0-4FR-PUR 16AWG BK](#) [RPC-M12L-4MS-10.0-4FR-PVC 14AWG BK](#) [RPC-M12L-4MS-10.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MS-10.0-4FS-PVC 14AWG BK](#) [RPC-M12L-4MS-10.0-PUR 16AWG BK](#) [RPC-M12L-4MS-10.0-PVC 14AWG BK](#) [RPC-M12L-4MS-2.0-4FR-PUR 16AWG BK](#) [RPC-M12L-4MS-2.0-4FR-PVC 14AWG BK](#) [RPC-M12L-4MS-2.0-4FS-PUR 16AWG BK](#) [RPC-M12L-4MS-2.0-4FS-PVC 14AWG BK](#)