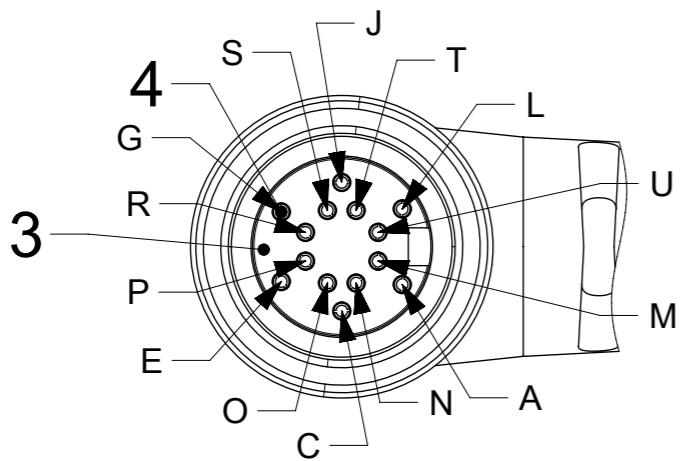
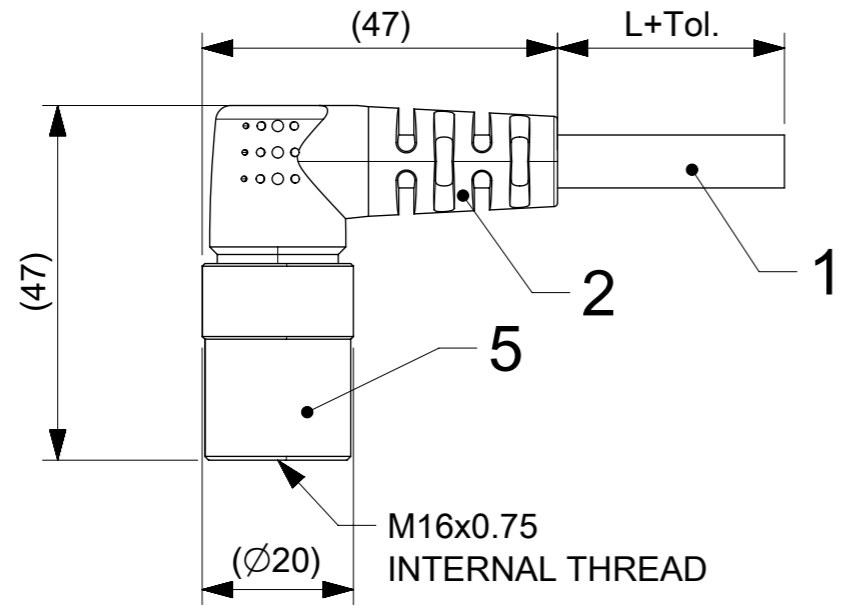
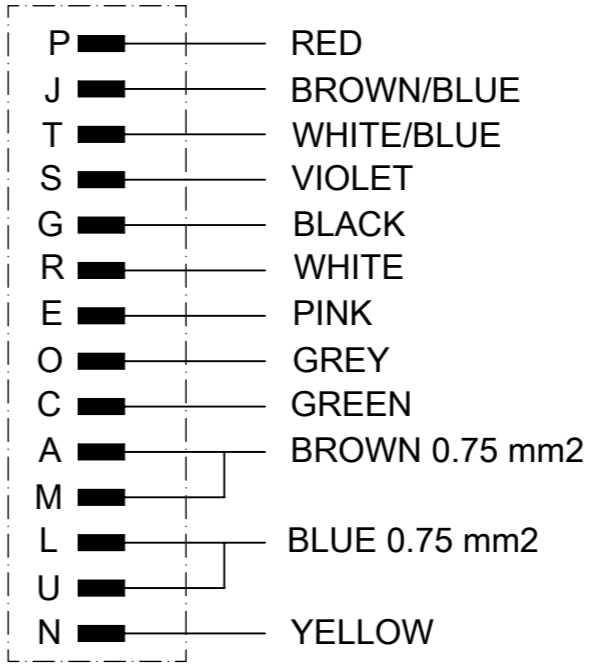


CABLE TYPE	CABLE JACKET	UL	CSA	Temperature range (static) (Bending radius up to 7.5xD)	Temperature range (flexing) (Bending radius up to 12.5xD)	drag chain tested	other
B78-12	TPU black	STYLE 21215	yes	-40°C to +90°C	-25°C to +80°C	5 Mio cycles	WELD SLAG RESISTANCE

- ELECTRICAL DATA:  
MAX. VOLTAGE RATING 60 VAC  
MAX. CURRENT 3 AMPS
- ENVIRONMENTAL: PROTECTION IP67  
TEMPERATURE RANGE -30°C TO +80°C
- ASSEMBLY IS RoHS COMPLIANT

WIRING SCHEMATIC:



VIEW FROM THE FRONT SIDE (SCALE 2:1)

BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	CABLE 2x0.75+ 10x0.34 TPU BK D8.8 TPE UNS	TPU	BLACK
2	1	OVERMOLD	PUR	BLACK
3	1	INSERT	PBT	BLACK
4	14	SOCKET CONTACT	COPPER ALLOY	GOLD
5	1	COUPLER	BRASS	PLATING WHITE BRONZE

TABLE 1

MOLEX PN	DESCRIPTION	L +Tol. [mm]
1204520191	CSE M16 14P AC FE RA TPU 15M SE UNSH BK	15000 ±30
1204520192	CSE M16 14P AC FE RA TPU 40M SE UNSH BK	40000 ±60
1204520193	CSE M16 14P AC FE RA TPU 5M SE UNSH BK	5000 ±25
1204520194	CSE M16 14P AC FE RA TPU 10M SE UNSH BK	10000 ±30
1204520196	CSE M16 14P AC FE RA TPU 25M SE UNSH BK	25000 ±50

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE		CURRENT REV DESC: KNURLED PART ON SLEEVE POS. CHANGED FOR BETTER HANDLING	<b>molex</b>		
	DIMENSION UNITS	mm	1:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M16 14P AC FE RA TPU XM SE UNSH BK		
	ANGULAR TOL	±	'		PRODUCT CUSTOMER DRAWING		
▽ = 0	4 PLACES	±	EC NO: 623693	DOCUMENT NUMBER			
▽ = 0	3 PLACES	±	DRWN: SSM 2019/08/26	1204520191			
▽ = 0	2 PLACES	±	CHK'D: RSILLER 2019/09/26	DOC TYPE	DOC PART	REVISION	
▽ = 0	1 PLACE	±	APPR: RSILLER 2019/09/26	PSD	000	B	
□ = 0	0 PLACES	±	INITIAL REVISION:	SHEET NUMBER			
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
▽ = 0				A3-SIZE	120452	SEE TABLE 1	GENERAL MARKET