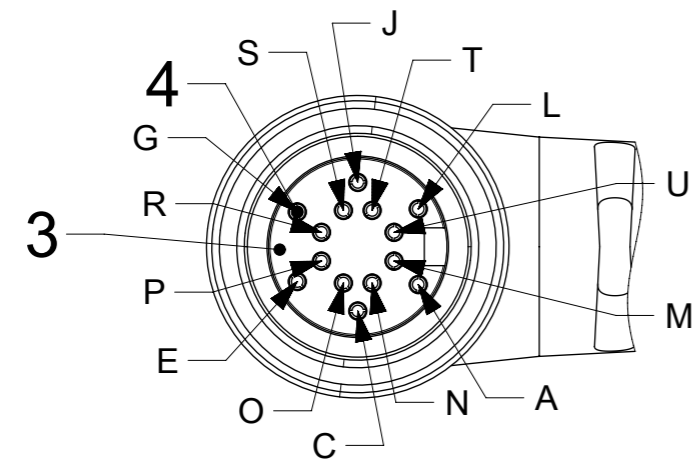
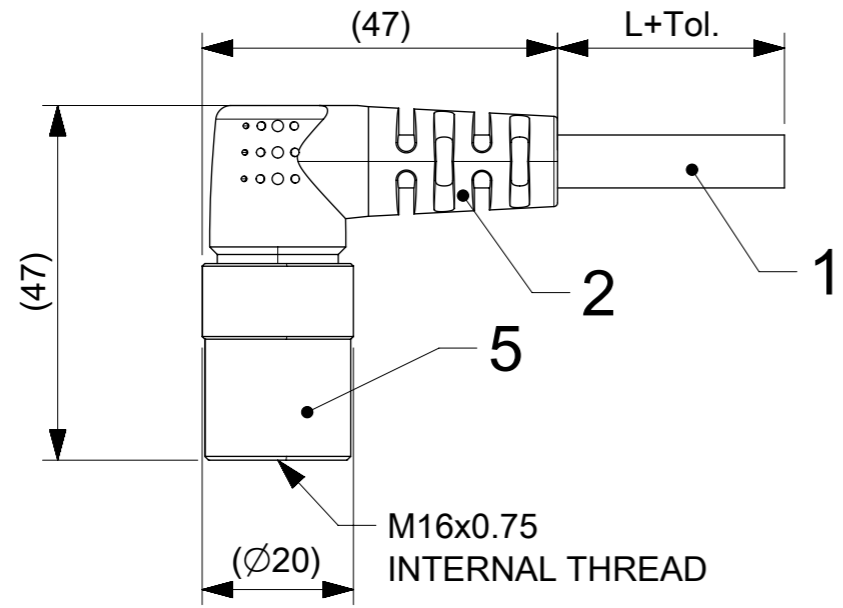


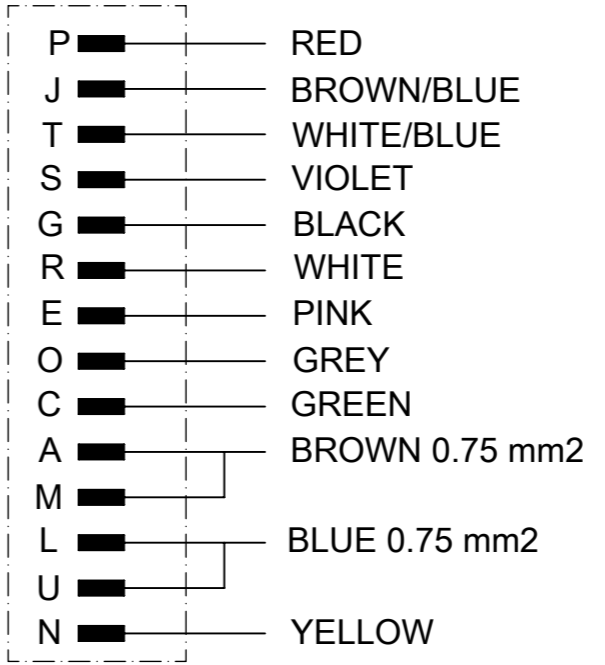
CABLE TYPE	CABLE JACKET	UL	CSA	Temperature range (static) (Bending radius up to 7.5xD)	Temperature range (flexing) (Bending radius up to 12.5xD)	drag chain tested	other
B78-12	TPU black	STYLE 21215	yes	-40°C to +90°C	-25°C to +80°C	5 Mio cycles	WELD SLAG RESISTANCE

- 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



VIEW FROM THE FRONT SIDE (SCALE 2:1)

WIRING SCHEMATIC:



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			
	DIMENSION UNITS	mm	1:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)						
	ANGULAR TOL	±	°				
▽ = 0	4 PLACES	±		EC NO: 623693	2019/08/26		CSE M16 14P AC FE RA TPU XM SE UNSH BK
▽ = 0	3 PLACES	±		DRWN: SSM	2019/09/26		
▽ = 0	2 PLACES	±		CHK'D: RSILLER	2019/09/26		
▽ = 0	1 PLACE	±		APPR: RSILLER	2019/09/26		PRODUCT CUSTOMER DRAWING
☒ = 0	0 PLACES	±		INITIAL REVISION:			DOCUMENT NUMBER
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: AKONDRACIUK	2017/03/27		1204520191
▽ = 0	THIRD ANGLE PROJECTION			APPR: MIWASIECZKO	2017/03/29		PSD 000 B
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
A3-SIZE		120452		SEE TABLE 1		GENERAL MARKET	
SHEET NUMBER		1 OF 1					