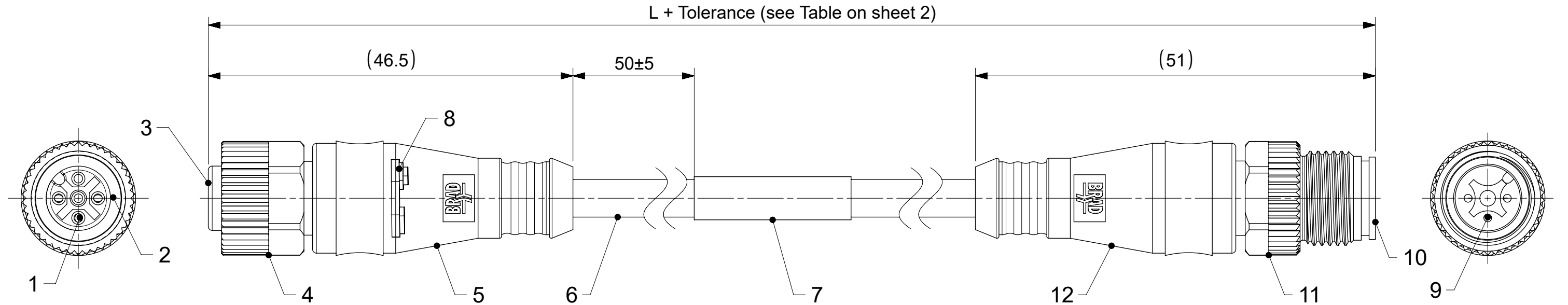
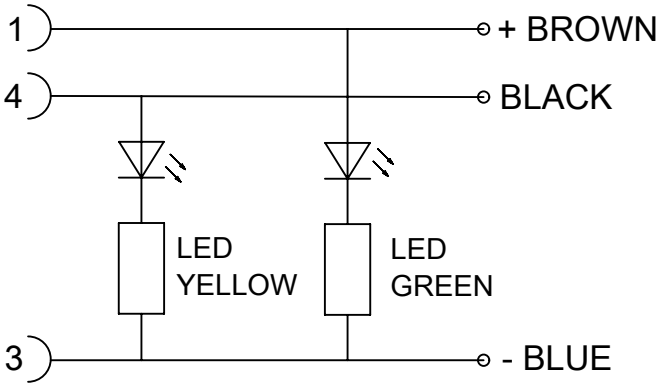


FEMALE PLUG M12 STRAIGHT PNP LED / MALE PLUG M12 STRAIGHT



PNP WIRING



BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	3	CONTACT M12 FEMALE	Cu ALLOY	SELECTIVE GOLD OVER NICKEL
2	1	ORING	FPM	RED
3	1	INSERT FEMALE	PUR	BLACK
4	1	COUPLING NUT FEMALE	BRASS	NICKEL PLATED
5	-	OVERMOULD	TPU	TRANSPARENT
6	-	CABLE	SEE SHEET 2	---
7	1	LABEL	VINYL	YELLOW
8	1	PCB PNP	---	---
9	3	CONTACT M12 MALE	Cu ALLOY	SELECTIVE GOLD OVER NICKEL
10	1	INSERT MALE	PUR	BLACK
11	1	COUPLING NUT MALE	BRASS	NICKEL PLATED
12	-	OVERMOULD	TPU	BLACK

CONTACT POSITION FRONT VIEW:

3 POLES FEMALE		3 POLES MALE	
PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN
2	-	2	-
3	BLUE	3	BLUE
4	BLACK	4	BLACK
5	-	5	-
CODING REQUIRED TO IEC 61076-2-101			
DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02 09:18:20

NOTES:
ELECTRICAL DATA :
VOLTAGE RATING : 10-30V DC
AMPERAGE RATING : 4A
INSULATION RESISTANCE : 10⁸Ω MIN
MATING CYCLES : MIN. 100
ENVIRONMENTAL :
PROTECTION : IP67 in mated and locked position
OPERATING TEMPERATURE : -25°C TO +85°C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		molex CSE M12 PNP 3P AC FE STR WSOR MA STR XM							
	mm		2:1									
FA = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES.							
FE = 0	ANGULAR TOL ± 1.0 °				EC NO: 789428 DRWN: AKABADI 2023/08/04 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02							
FF = 0	4 PLACES ±											
DIVISIONAL SYMBOLS	3 PLACES ±				INITIAL REVISION: DRWN: APAWLAK01 2016/05/16 APPR: MIWASIECZKO 2016/05/20							
	2 PLACES ± 0.05											
	1 PLACE ± 0.1											
	0 PLACES ± 0.2											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES			
							A3-SIZE		120067			
					DOCUMENT NUMBER			DOC TYPE		DOC PART		
					1200678472			PSD		000		
								B				
					MATERIAL NUMBER			CUSTOMER			SHEET NUMBER	
					SEE PART LIST			GENERAL MARKET			1 OF 2	

