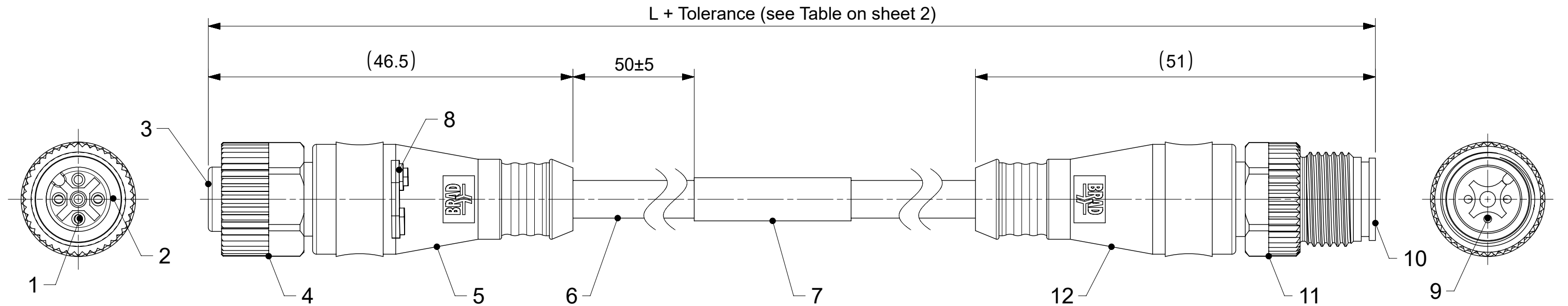
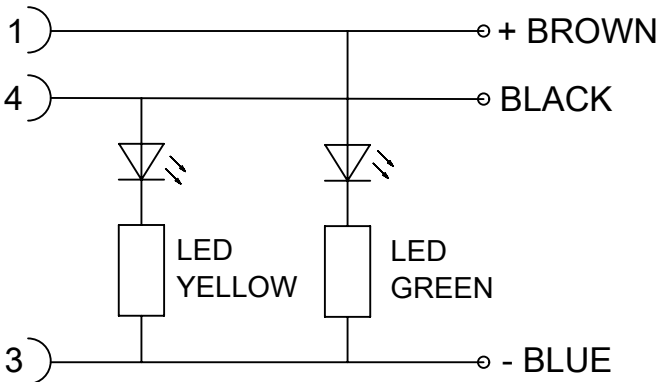


FEMALE PLUG M12 STRAIGHT PNP LED / MALE PLUG M12 STRAIGHT



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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex		
	DIMENSION UNITS	SCALE			
	mm	2:1	CSE M12 PNP 3P AC FE STR WSOR MA STR XM		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING		
	ANGULAR TOL	± 1.0 °	DOCUMENT NUMBER		
	4 PLACES	±	1200678472		
	3 PLACES	±	PSD 000 B		
	2 PLACES	± 0.05	INITIAL REVISION:		
	1 PLACE	± 0.1	DRWN: APAWLAK01 2016/05/16		
	0 PLACES	± 0.2	APPR: MIWASIECZKO 2016/05/20		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		
	A3-SIZE	120067	MATERIAL NUMBER		
	SERIES	120067	CUSTOMER		
	SHEET NUMBER	1 OF 2	SEE PART LIST		

