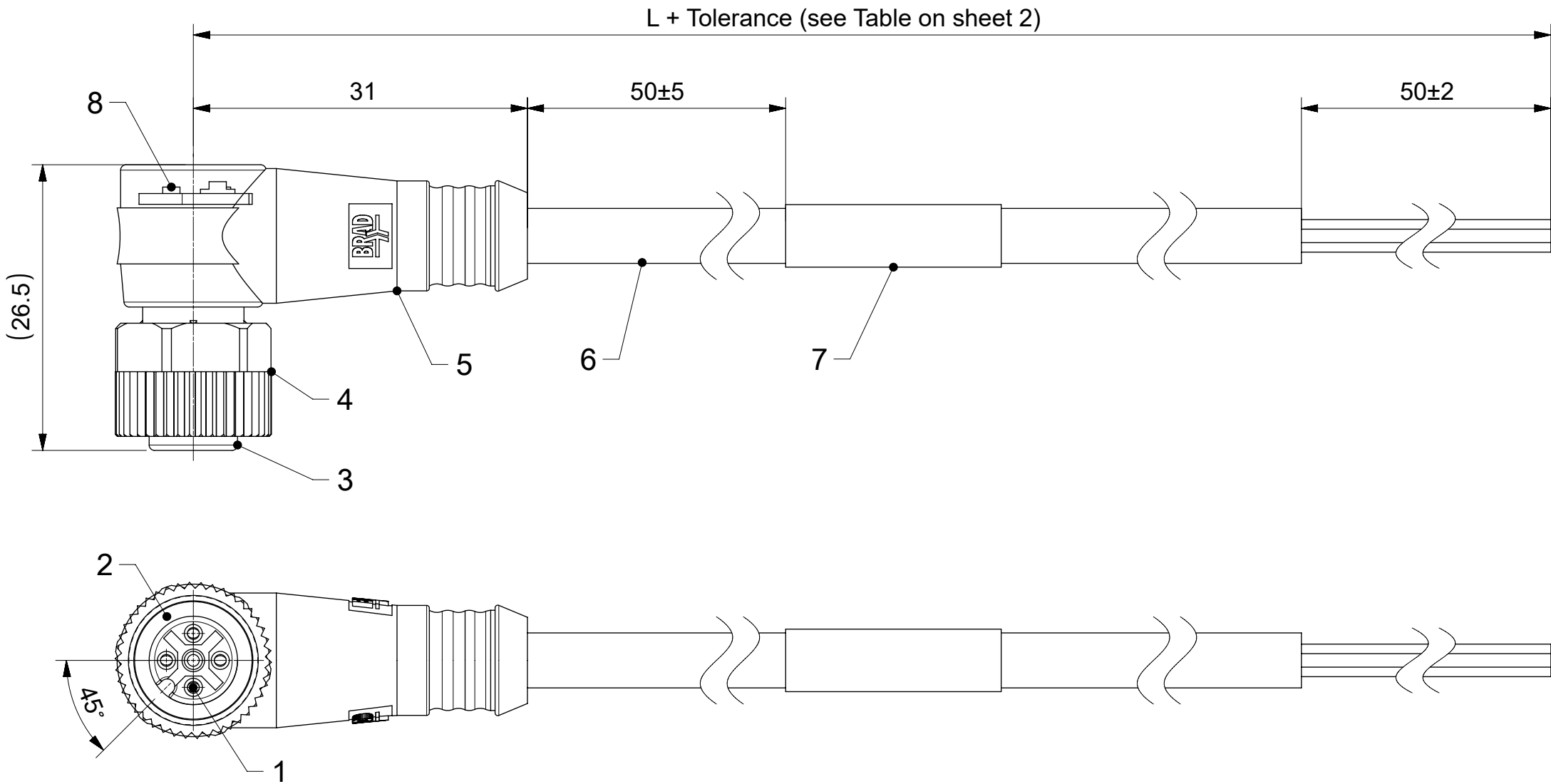


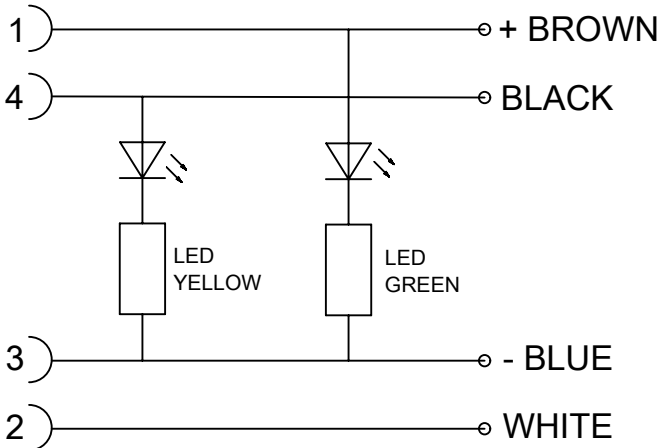
FEMALE PLUG M12 90° ANGLED PNP LED



CONTACT POSITION
FRONT VIEW:

4 POLES	
PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	-
CODING REQUIRED TO IEC 61076-2-101	

PNP WIRING



NOTES:
ELECTRICAL DATA :
VOLTAGE RATING : 10-30V
AMPERAGE RATING : 4A
INSULATION RESISTANCE : 10⁸Ω MIN
MATING CYCLES : MIN. 100
ENVIRONMENTAL :
PROTECTION : IP67 in mated and locked position
OPERATING TEMPERATURE : SEE CABLE LIST

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	4	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	-	OVERMOULDING	TPU	TRANSPARENT
6	-	CABLE	SEE CABLE LIST	
7	1	LABEL	VINYL	YELLOW
8	1	PCB PNP	---	---

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	CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 2			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 789428 DRWN: AKABADI CHK'D: RSILLER APPR: RSILLER			
	ANGULAR TOL	± 1.0 °	INITIAL REVISION: DRWN: APAWLAK01 APPR: MIWASIECZKO			
DIVISIONAL SYMBOLS	4 PLACES	±	2023/08/02			
	3 PLACES	±	2024/07/02			
	2 PLACES	± 0.05	2024/07/02			
	1 PLACE	± 0.1				
	0 PLACES	± 0.2				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	
				A3-SIZE	120067	
			MATERIAL NUMBER		CUSTOMER	
			SEE PART LIST		GENERAL MARKET	
			DOCUMENT NUMBER		DOC TYPE	DOC PART
			1200678458		PSD	000
					REVISION	
					B	
					SHEET NUMBER	
					1 OF 2	

