

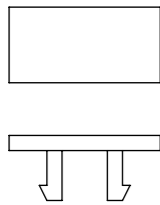
**TABLE 1**

MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED
1202470010	BEB801P-FBW-003	300	YES
1202470011	BEB801P-FBW-02	2000	YES
1202470012	BEB801P-FBW-05	5000	YES
1202470013	BEB801P-FBW-10	10000	YES
1202470014	BEB801P-FBW-15	15000	YES
1202470015	BEB801P-FBW-20	20000	YES
1202470034	BEB8010-FBW-05	5000	NO
1202470035	BEB8010-FBW-10	10000	NO
1202470036	BEB8010-FBW-15	15000	NO

**TABLE 2**

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	TPU	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
5	HOUSING	PBT	BLACK
6	CABLE	TPU	BLACK
7	LABEL	ABS	WHITE
8	LABLE ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
11	RESIN	EPOXY	TRANSPARENT

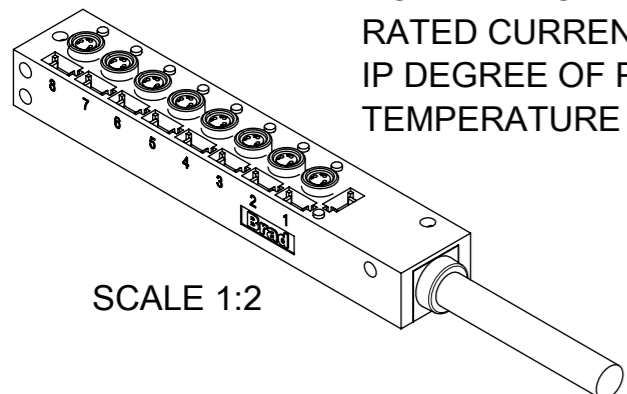
SCALE 2:1



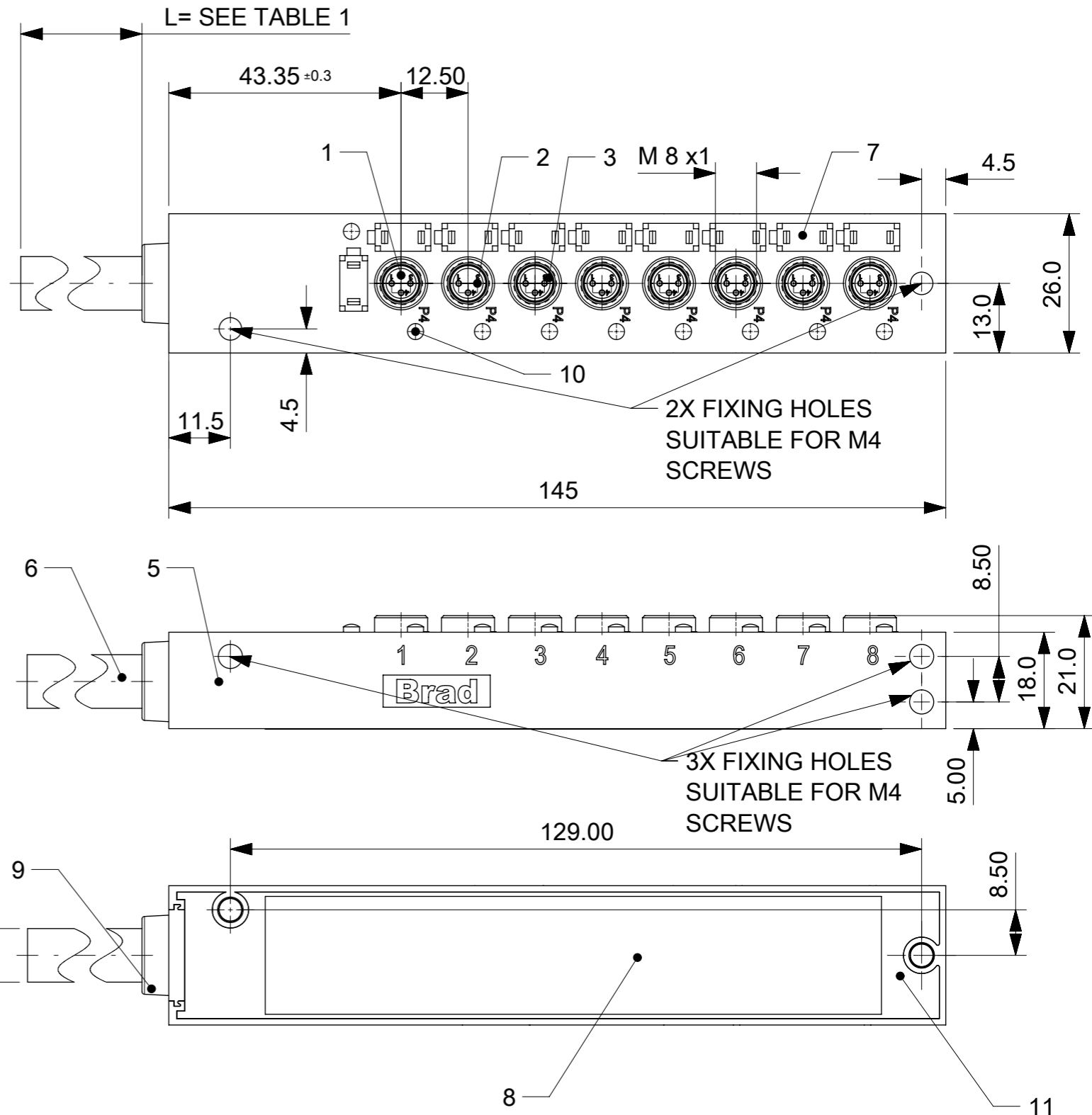
LABEL  
9x packed in a bag.

**GENERAL CHARACTERISTICS:**

NOMINAL VOLTAGE: 24 V DC  
 RATED CURRENT: 2 A PER PORT / 6 A MAX: TOTAL  
 IP DEGREE OF PROTECTION: IP 68  
 TEMPERATURE RANGE: -25°C to + 85°C



SCALE 1:2

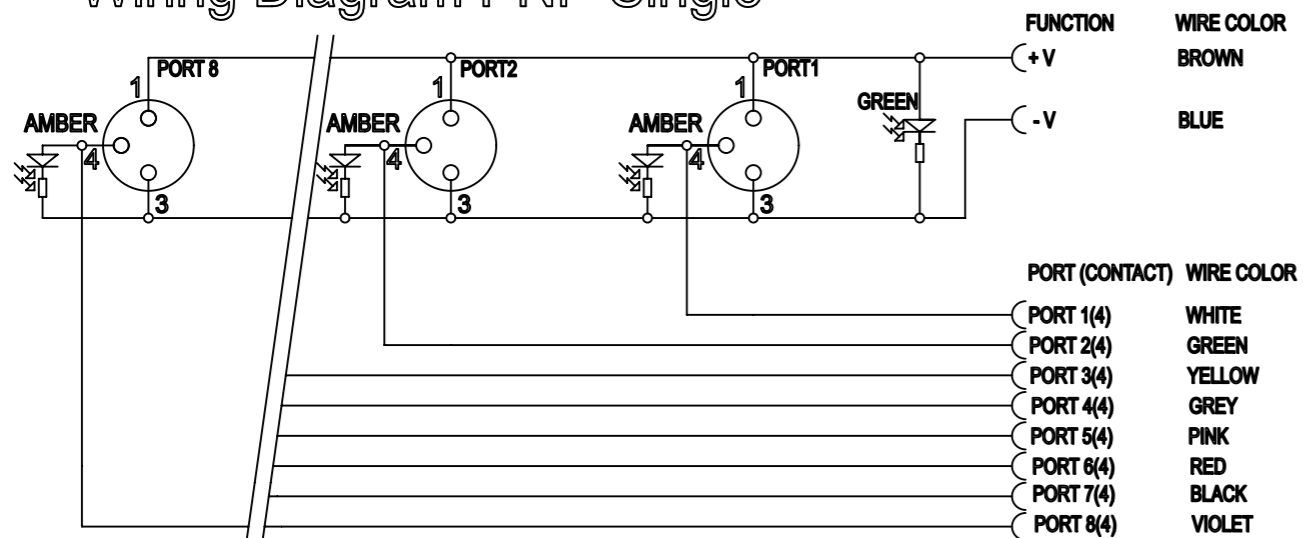


**CABLE LENGTH TOLERANCES**

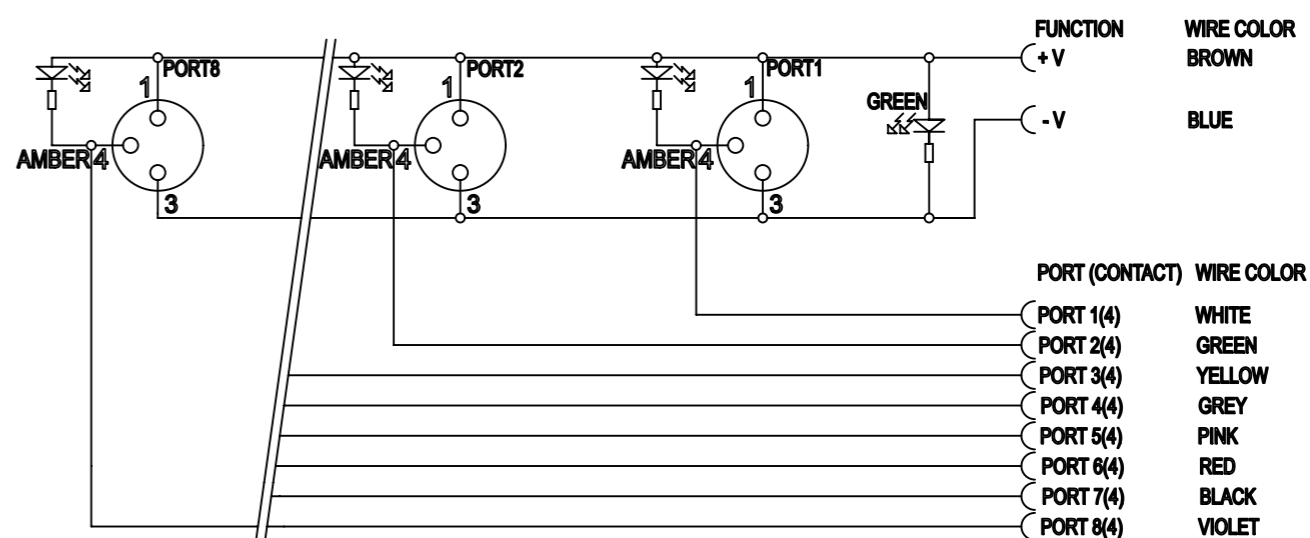
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS ∇/A = 0 ∇/E = 0 ∇/V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE	
	DIMENSION UNITS: mm SCALE: 1:1	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	
DIVISIONAL SYMBOLS	4 PLACES ±	EC NO: 699789	2022/03/11
	3 PLACES ±	DRWN: MDHARMANTI	2022/03/17
2 PLACES ± 0.2	CHK'D: RSILLER	APPR: RSILLER	2022/03/17
1 PLACE ± 0.3	INITIAL REVISION:		DOCUMENT NUMBER
0 PLACES ± 0.5	DRWN: ULETTENMEIER	2015/01/20	1202470010
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPR: RSILLER	2015/04/22	DOC TYPE DOC PART REVISION PSD 000 B1
THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 120247	MATERIAL NUMBER: SEE TABLE 1
			CUSTOMER: GENERAL MARKET
			SHEET NUMBER: 1 OF 2

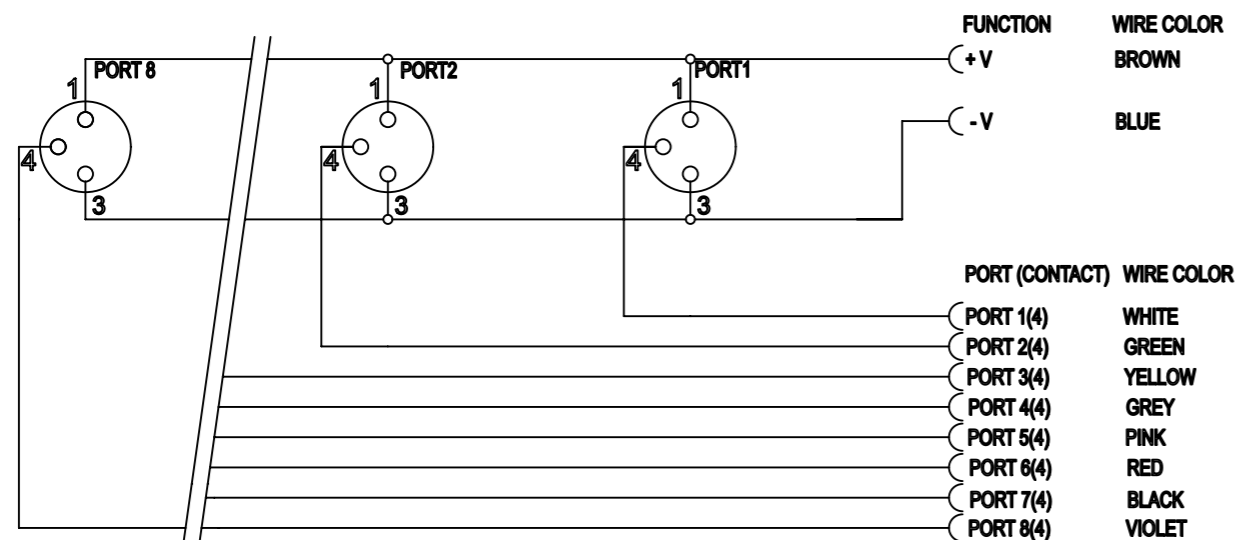
# Wiring Diagram PNP Single



# Wiring Diagram NPN Single



# Wiring Diagram NON LED Single



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °			
DIVISIONAL SYMBOLS	4 PLACES ±		MPIS M8 PNP NPN NOS 3P 8PT BK XM SINGLE		
	3 PLACES ±		PRODUCT CUSTOMER DRAWING		
	2 PLACES ± 0.2		DOCUMENT NUMBER	DOC TYPE	DOC PART
	1 PLACE ± 0.3		1202470010	PSD	000
0 PLACES ± 0.5		DRWN: ULETTENMEIER 2015/01/20 APPR: RSILLER 2015/04/22		B1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	120247	SEE TABLE 1
					CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					2 OF 2