

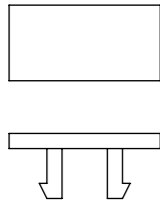
**TABLE 1**

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

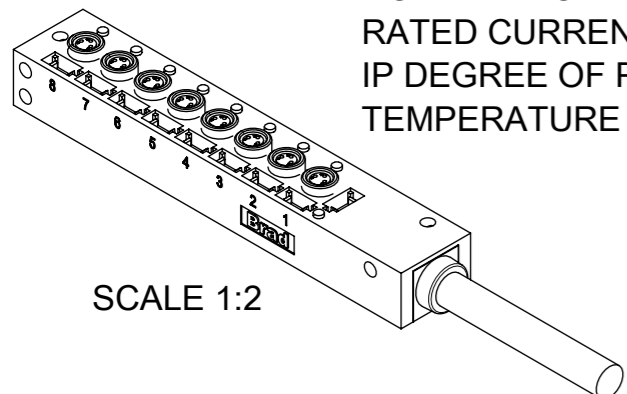
SCALE 2:1



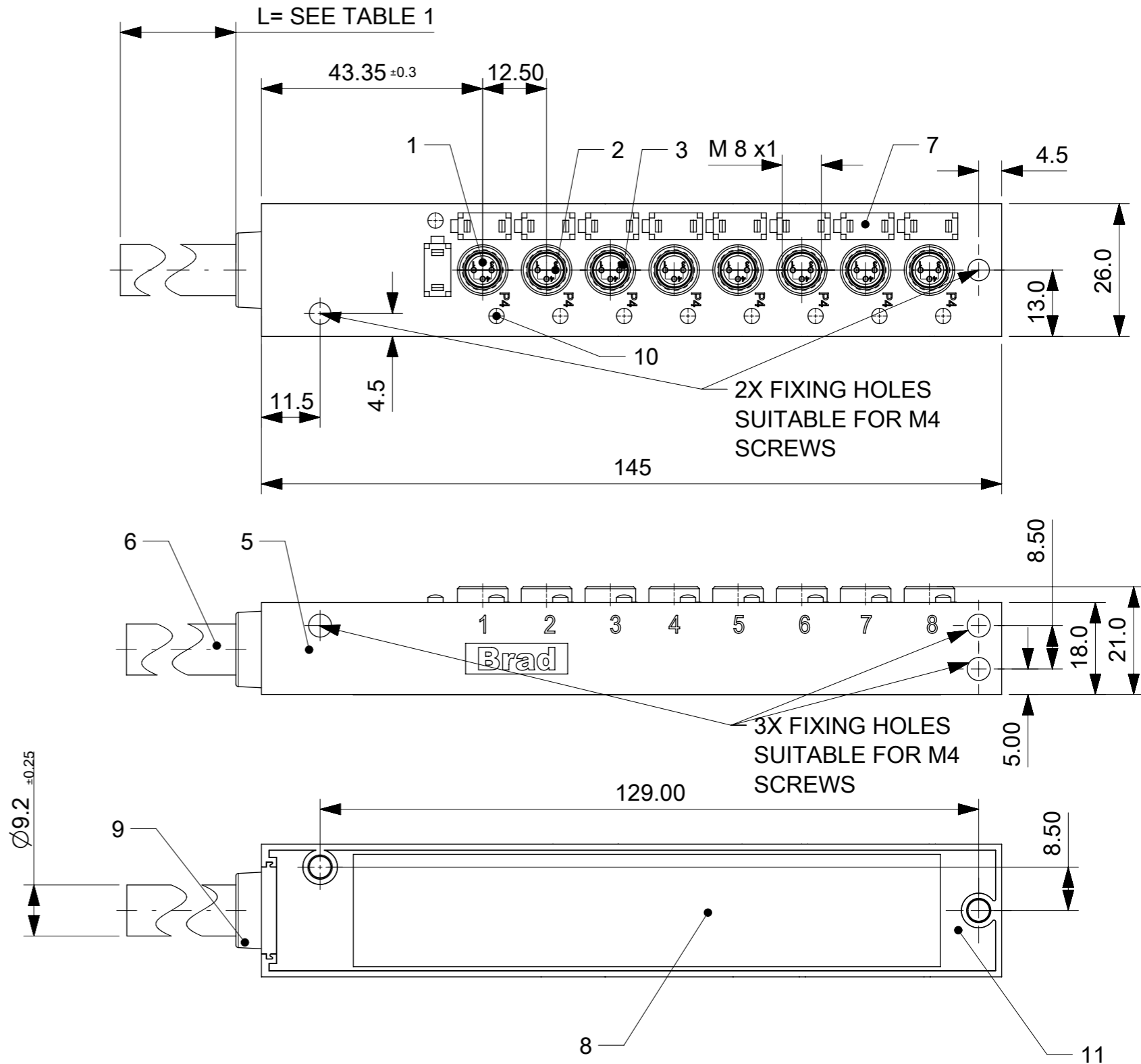
LABEL  
9x packed in a bag.

**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

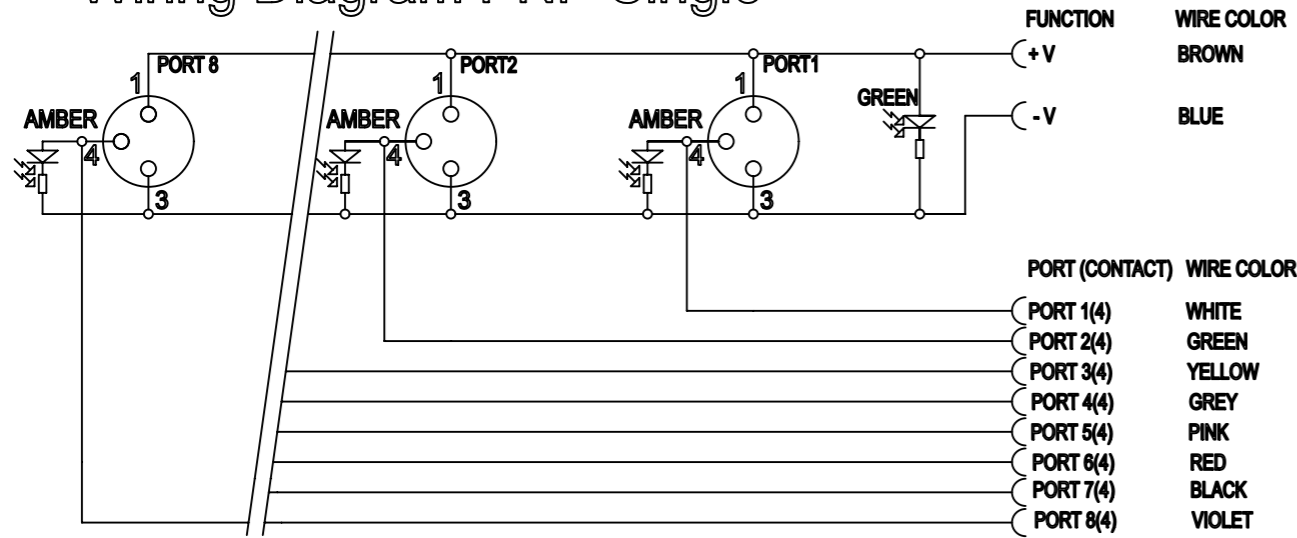


**CABLE LENGTH TOLERANCES**

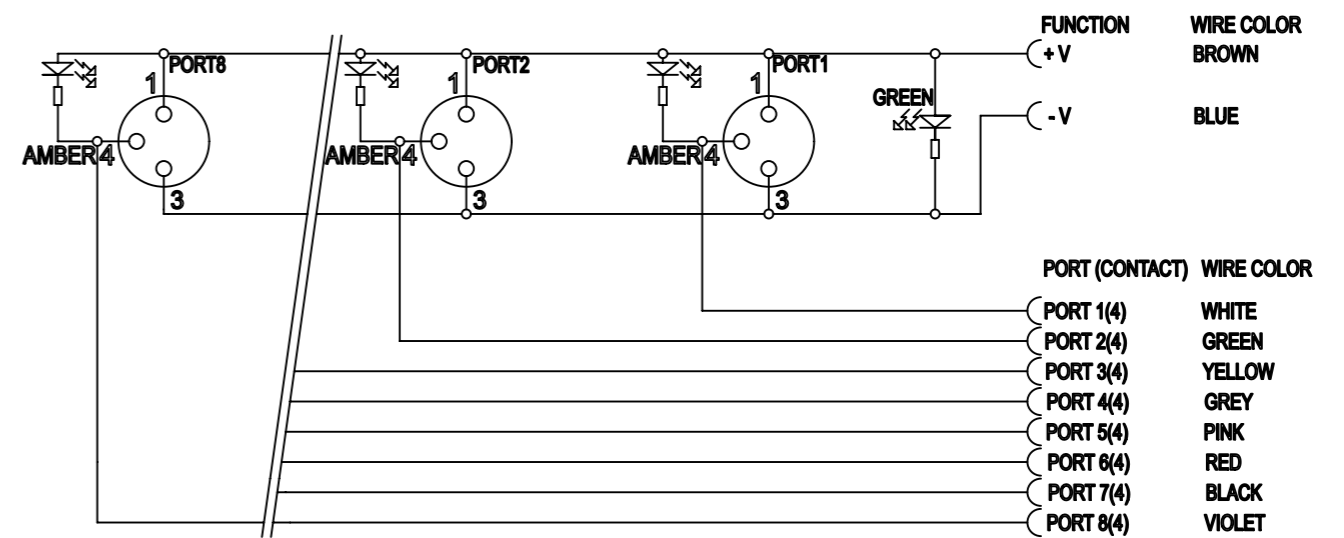
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS ∇A = 0 ∇E = 0 ∇F = 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	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 699789	
	ANGULAR TOL ± °	4 PLACES ±	DRWN: MDHARMANTI 2022/03/11
	3 PLACES ±	3 PLACES ±	CHK'D: RSILLER 2022/03/17
	2 PLACES ± 0.2	2 PLACES ± 0.2	APPR: RSILLER 2022/03/17
	1 PLACE ± 0.3	1 PLACE ± 0.3	INITIAL REVISION:
	0 PLACES ± 0.5	0 PLACES ± 0.5	DRWN: ULETTENMEIER 2015/01/20
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: RSILLER 2015/04/22
		DRAWING: A3-SIZE	SERIES: 120247
		MATERIAL NUMBER: SEE TABLE 1	CUSTOMER: GENERAL MARKET
		DOCUMENT NUMBER: 1202470010	DOC TYPE: PSD
		DOC PART: 000	REVISION: B1
		SHEET NUMBER: 1 OF 2	

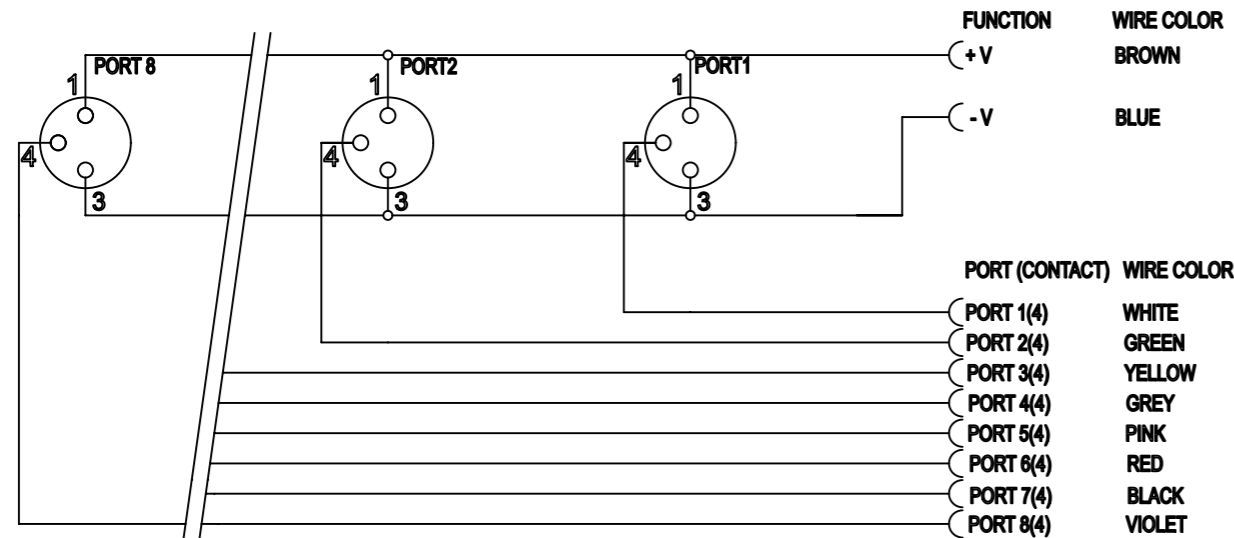
# Wiring Diagram PNP Single



# 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							
	$\nabla_A = 0$ $\nabla_F = 0$ $\nabla_V = 0$	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>				CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 699789					
	ANGULAR TOL ± °		DRWN: MDHARMANTI 2022/03/11					
	4 PLACES ±		CHK'D: RSILLER 2022/03/17					
	3 PLACES ±		APPR: RSILLER 2022/03/17					
	2 PLACES ± 0.2		INITIAL REVISION:					
1 PLACE ± 0.3		DRWN: ULETTENMEIER 2015/01/20						
0 PLACES ± 0.5		APPR: RSILLER 2015/04/22						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			A3-SIZE	120247	1202470010	PSD	000	B1
					SEE TABLE 1	GENERAL MARKET		2 OF 2