

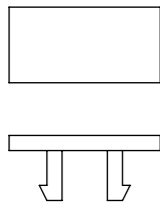
**TABLE 1**

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

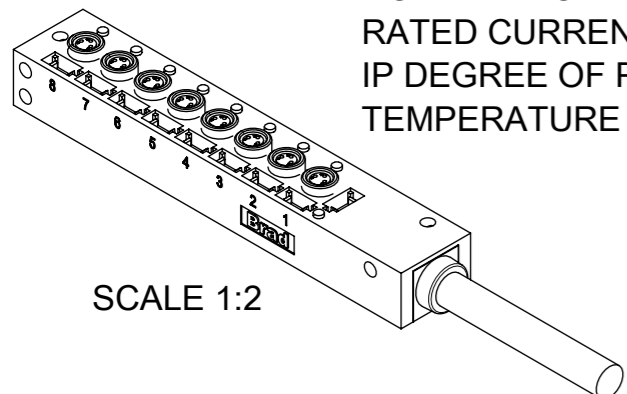
SCALE 2:1



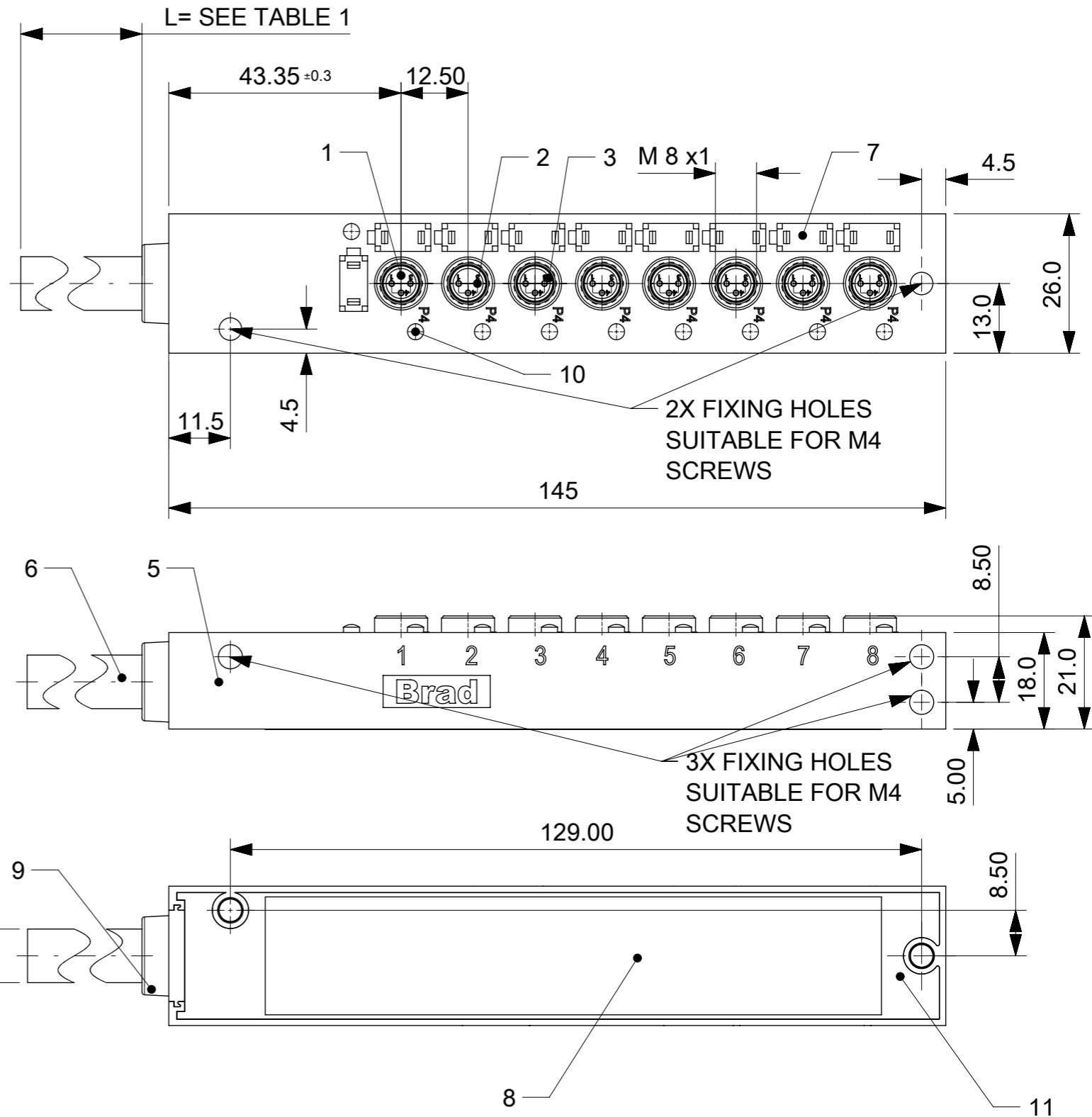
LABEL  
9x packed in a bag.

**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

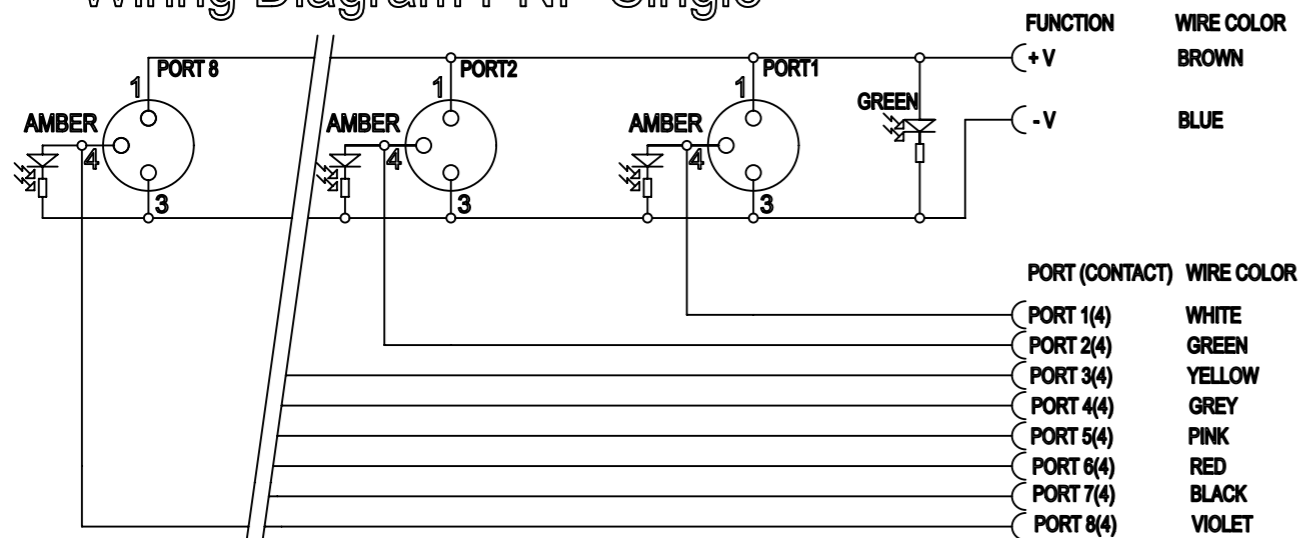


**CABLE LENGTH TOLERANCES**

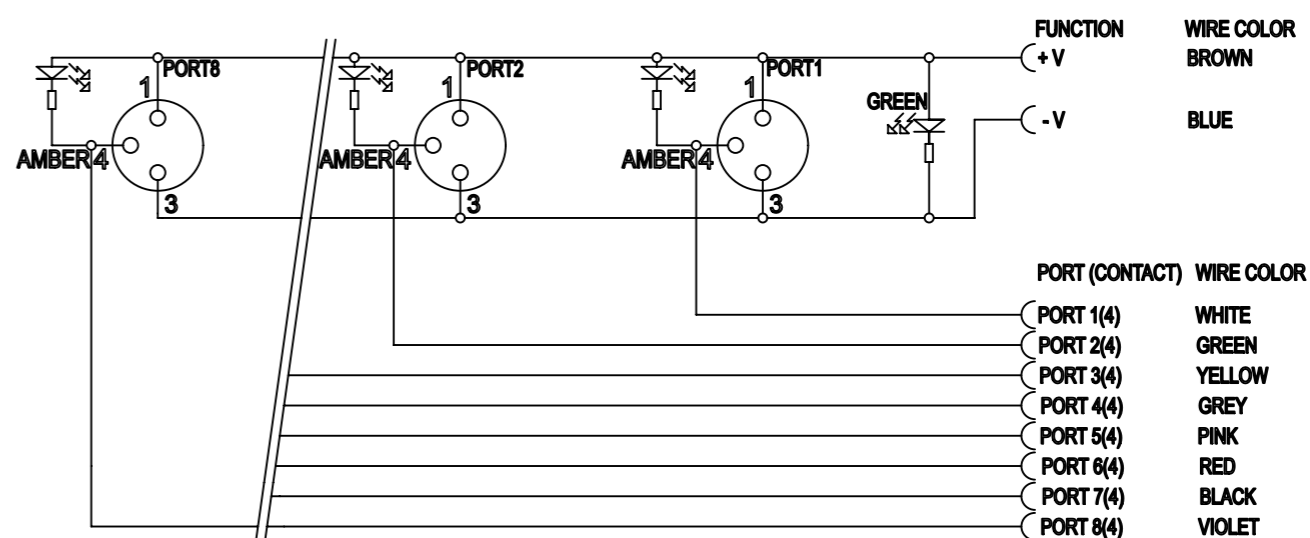
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																										
<table border="1"> <tr> <td>THIS DRAWING DIMENSION UNITS</td> <td>SCALE</td> </tr> <tr> <td>mm</td> <td>1:1</td> </tr> <tr> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td>ANGULAR TOL</td> <td>± °</td> </tr> <tr> <td>4 PLACES</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> </tr> <tr> <td>0 PLACES</td> <td>± 0.5</td> </tr> </table>	THIS DRAWING DIMENSION UNITS	SCALE	mm	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL	± °	4 PLACES	±	3 PLACES	±	2 PLACES	± 0.2	1 PLACE	± 0.3	0 PLACES	± 0.5	<table border="1"> <tr> <td colspan="2">CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>molex</b></td> </tr> <tr> <td colspan="2">MPIS M8 PNP NPN NOS 3P 8PT BK XM SINGLE</td> </tr> <tr> <td colspan="2">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td>EC NO: 699789</td> <td>2022/03/11</td> </tr> <tr> <td>DRWN: MDHARMANTI</td> <td>2022/03/17</td> </tr> <tr> <td>CHK'D: RSILLER</td> <td>2022/03/17</td> </tr> <tr> <td>APPR: RSILLER</td> <td>2022/03/17</td> </tr> <tr> <td colspan="2">INITIAL REVISION:</td> </tr> <tr> <td>DRWN: ULETTENMEIER</td> <td>2015/01/20</td> </tr> <tr> <td>APPR: RSILLER</td> <td>2015/04/22</td> </tr> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE DOC PART REVISION</td> </tr> <tr> <td>1202470010</td> <td>PSD 000 B1</td> </tr> <tr> <td>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> <td>THIRD ANGLE PROJECTION</td> </tr> <tr> <td>DRAWING</td> <td>SERIES</td> </tr> <tr> <td>A3-SIZE</td> <td>120247</td> </tr> <tr> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> </tr> <tr> <td>SEE TABLE 1</td> <td>GENERAL MARKET</td> </tr> <tr> <td colspan="2">SHEET NUMBER</td> </tr> <tr> <td colspan="2">1 OF 2</td> </tr> </table>	CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE		<b>molex</b>		MPIS M8 PNP NPN NOS 3P 8PT BK XM SINGLE		PRODUCT CUSTOMER DRAWING		EC NO: 699789	2022/03/11	DRWN: MDHARMANTI	2022/03/17	CHK'D: RSILLER	2022/03/17	APPR: RSILLER	2022/03/17	INITIAL REVISION:		DRWN: ULETTENMEIER	2015/01/20	APPR: RSILLER	2015/04/22	DOCUMENT NUMBER	DOC TYPE DOC PART REVISION	1202470010	PSD 000 B1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	A3-SIZE	120247	MATERIAL NUMBER	CUSTOMER	SEE TABLE 1	GENERAL MARKET	SHEET NUMBER		1 OF 2	
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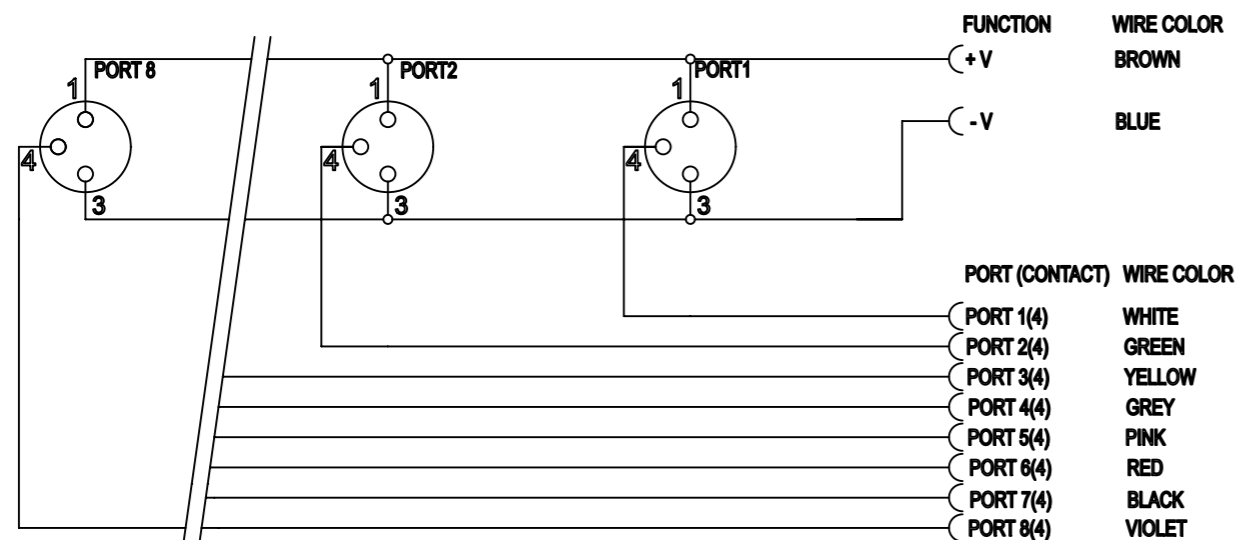
# Wiring Diagram PNP Single



# Wiring Diagram NPN Single



# Wiring Diagram NON LED Single



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