

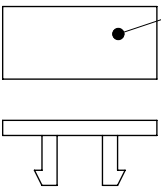
TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH+TOL. (mm)	LED
1202470001	BEB401P-FBW-05	5000	YES
1202470002	BEB401P-FBW-10	10000	YES
1202470003	BEB401P-FBW-15	15000	YES
1202470004	BEB401P-FBW-20	20000	YES
1202470028	BEB4010-FBW-05	5000	NO
1202470029	BEB4010-FBW-10	10000	NO
1202470030	BEB4010-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	LABEL ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA WITH LED = PA	BLACK TRANSPARENT
11	RESIN	EPOXY	TRANSPARENT

SCALE 2:1



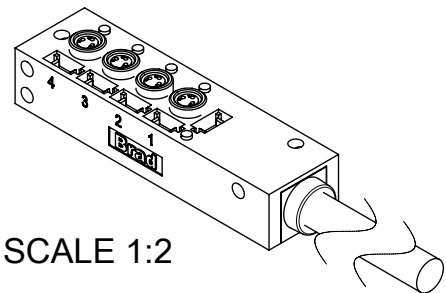
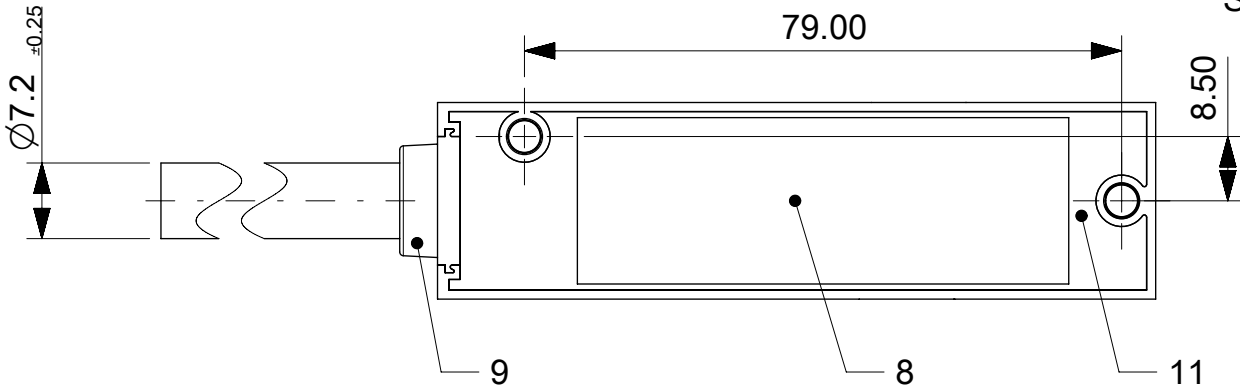
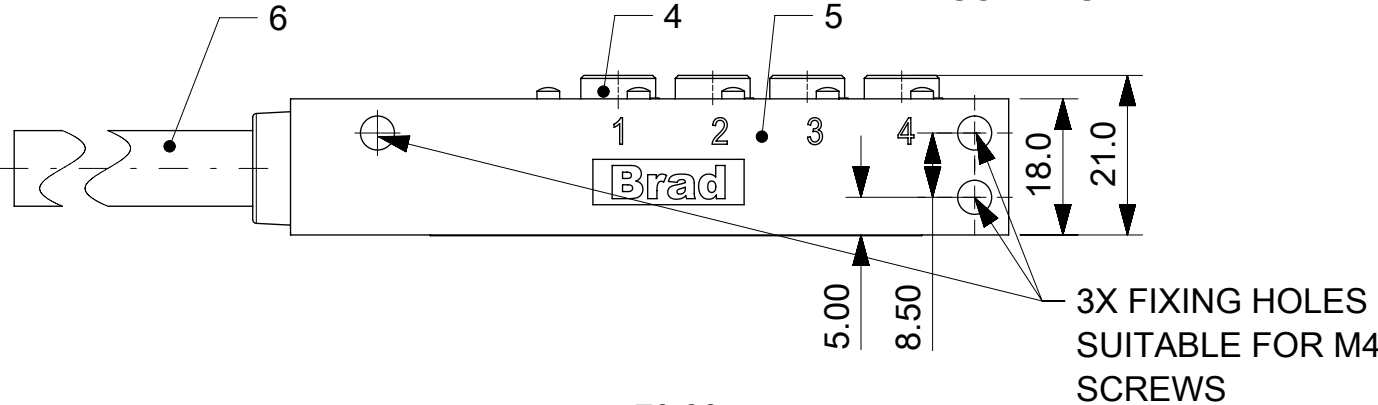
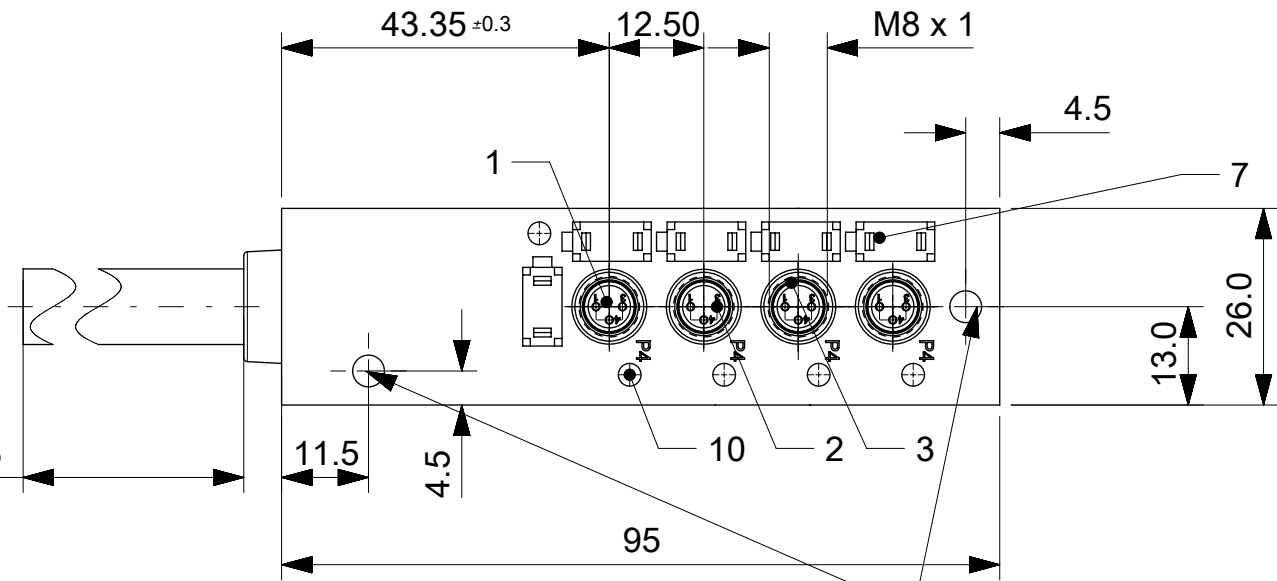
LABEL

5x packed in a bag.

TABLE 3

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

L= SEE TABLE 1+3



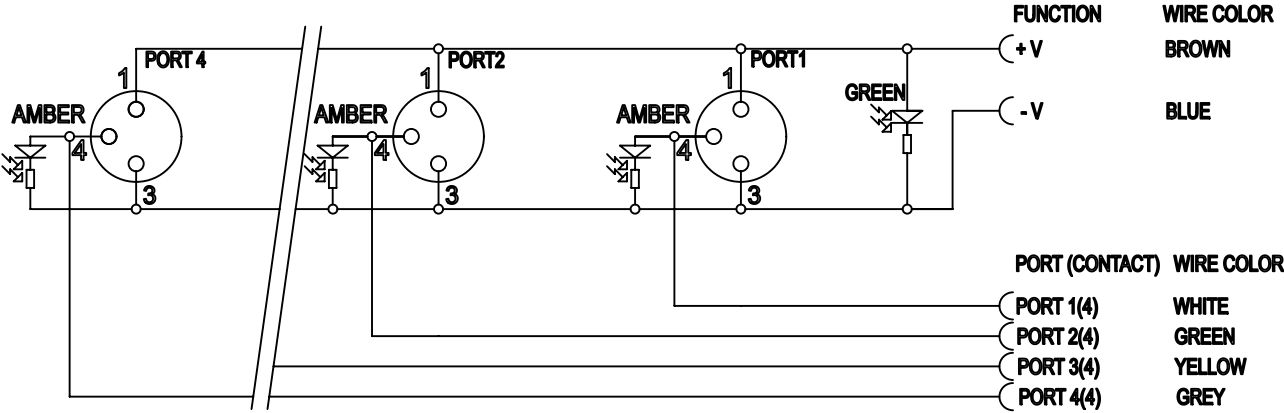
SCALE 1:2

GENERAL CHARACTERISTICS:

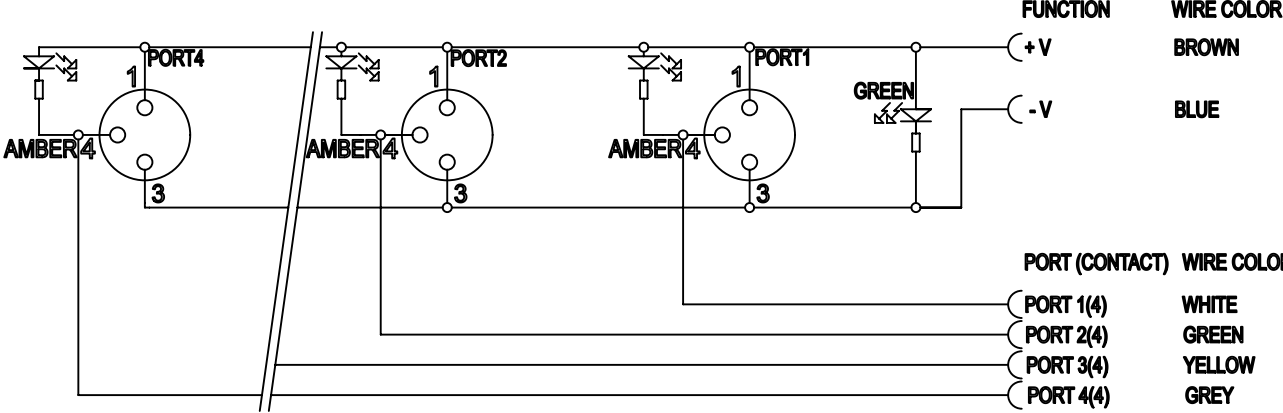
NOMINAL VOLTAGE: 24 V DC
RATED CURRENT: 2 A PER PORT / 6 A MAX: TOTAL
IP DEGREE OF PROTECTION: IP 68
TEMPERATURE RANGE: -25°C to + 85°C

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CABLE LENGTH TOLERANCES ADDED					molex										
	mm		1:1																	
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 631956 DRWN: RSCHEIBER 2020/02/11 CHK'D: RSILLER 2020/02/12 APPR: RSILLER 2020/02/12					MPIS M8 PNP NPN NOS 3P 4PT BK XM SINGLE										
 = 0																				
 = 0	ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING															
 = 0	4 PLACES		±																	
 = 0	3 PLACES		±		DOCUMENT NUMBER 1202470001					DOC TYPE PSD		DOC PART 000		REVISION B1						
 = 0	2 PLACES		± 0.2																	
 = 0	1 PLACE		± 0.3		INITIAL REVISION: DRWN: ULETTENMEIER 2015/01/20 APPR: RSILLER 2015/04/22					THIRD ANGLE PROJECTION DRAWING A3-SIZE					MATERIAL NUMBER SEE TABLE 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	
 = 0	0 PLACES		± 0.5																	
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SERIES 120247															
 = 0																				

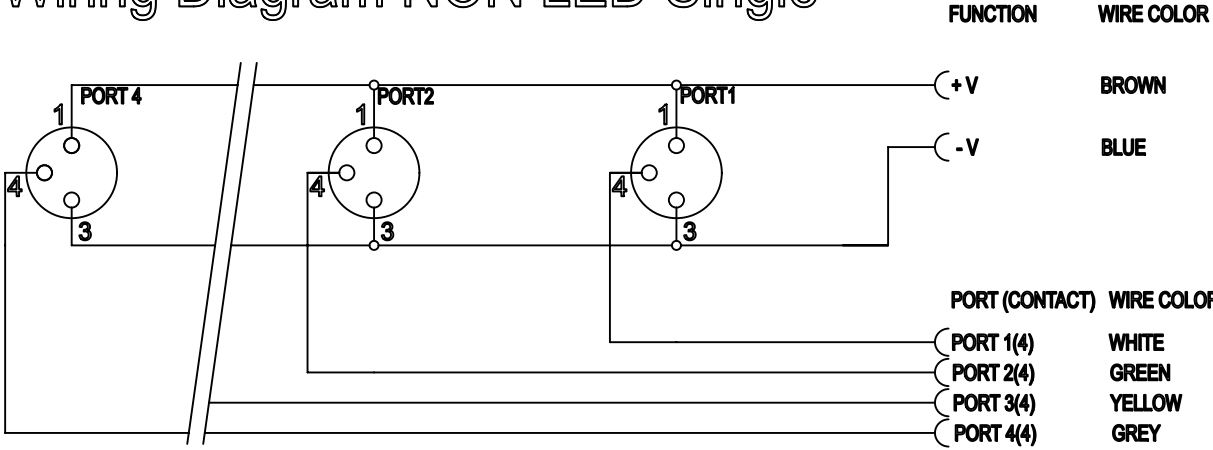
Wiring Diagram PNP Single



Wiring Diagram NPN Single



Wiring Diagram NON LED Single



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 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CABLE LENGTH TOLERANCES ADDED											
	mm		1:1													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 631956					MPIS M8 PNP NPN NOS 3P 4PT BK XM SINGLE						
 = 0																
 = 0	ANGULAR TOL ± °				DRWN: RSCHIEBER 2020/02/11					PRODUCT CUSTOMER DRAWING						
 = 0	4 PLACES ±				CHK'D: RSILLER 2020/02/12											
 = 0	3 PLACES ±				APPR: RSILLER 2020/02/12											
 = 0	2 PLACES ± 0.2				INITIAL REVISION:					DOCUMENT NUMBER 1202470001						
 = 0	1 PLACE ± 0.3				DRWN: ULETTENMEIER 2015/01/20										DOC TYPE	
 = 0	0 PLACES ± 0.5				APPR: RSILLER 2015/04/22					PSD		000		B1		
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
= 0							A3-SIZE		120247		SEE TABLE 1		GENERAL MARKET		2 OF 2	