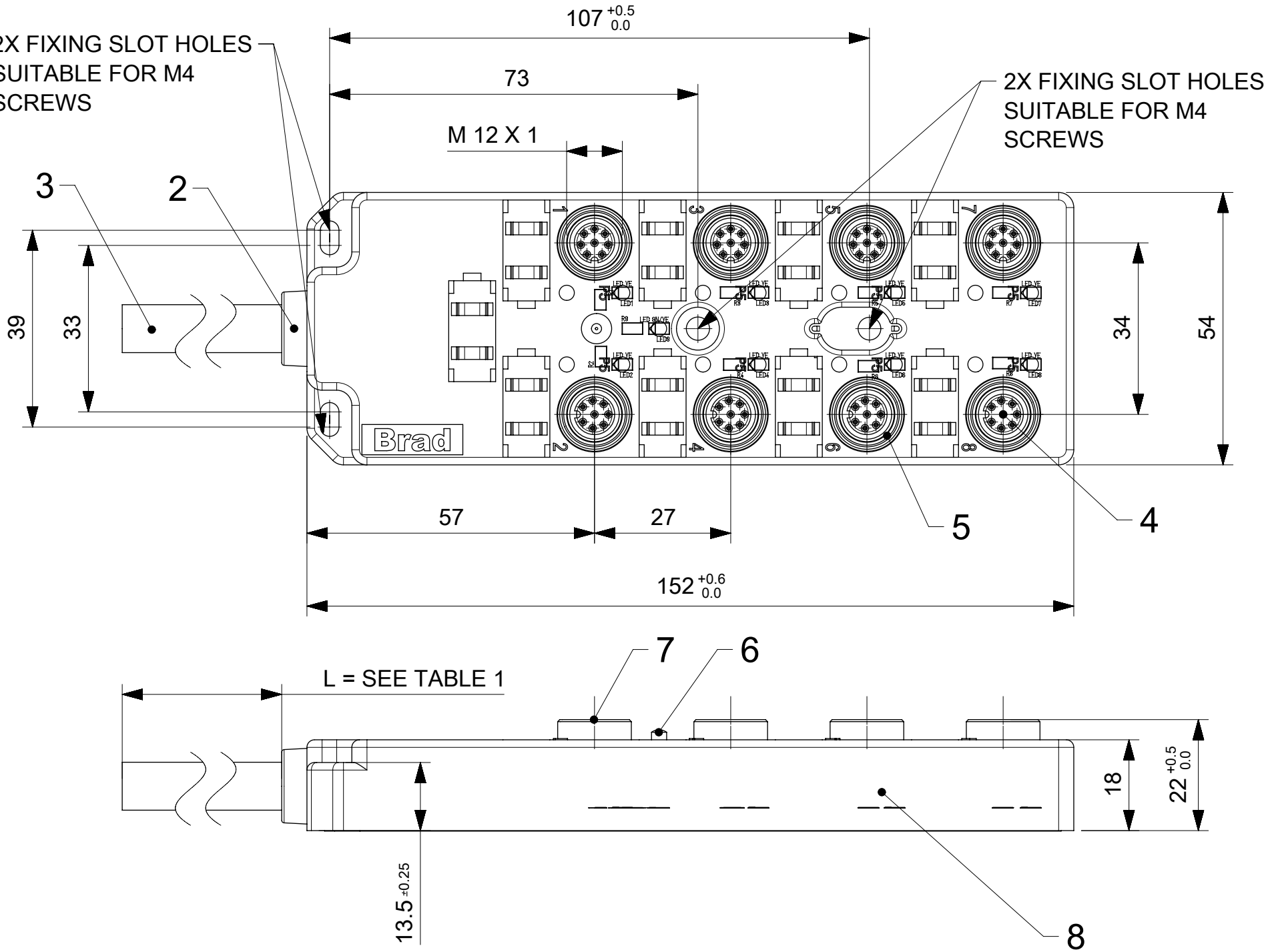


TABLE 1

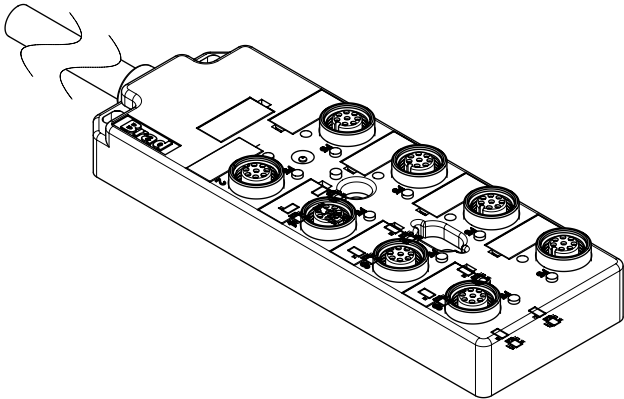
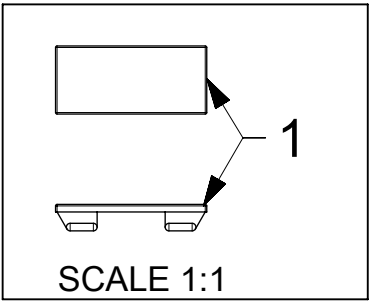
MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)
1202480510	BTR831P-FBW-05	5000
1202480511	BTR831P-FBW-10	10000
1202480512	BTR831P-FBW-15	15000

TABLE 2: BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	RED
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	SHELL	PA	TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	RED



PACKED IN BAG (9X)



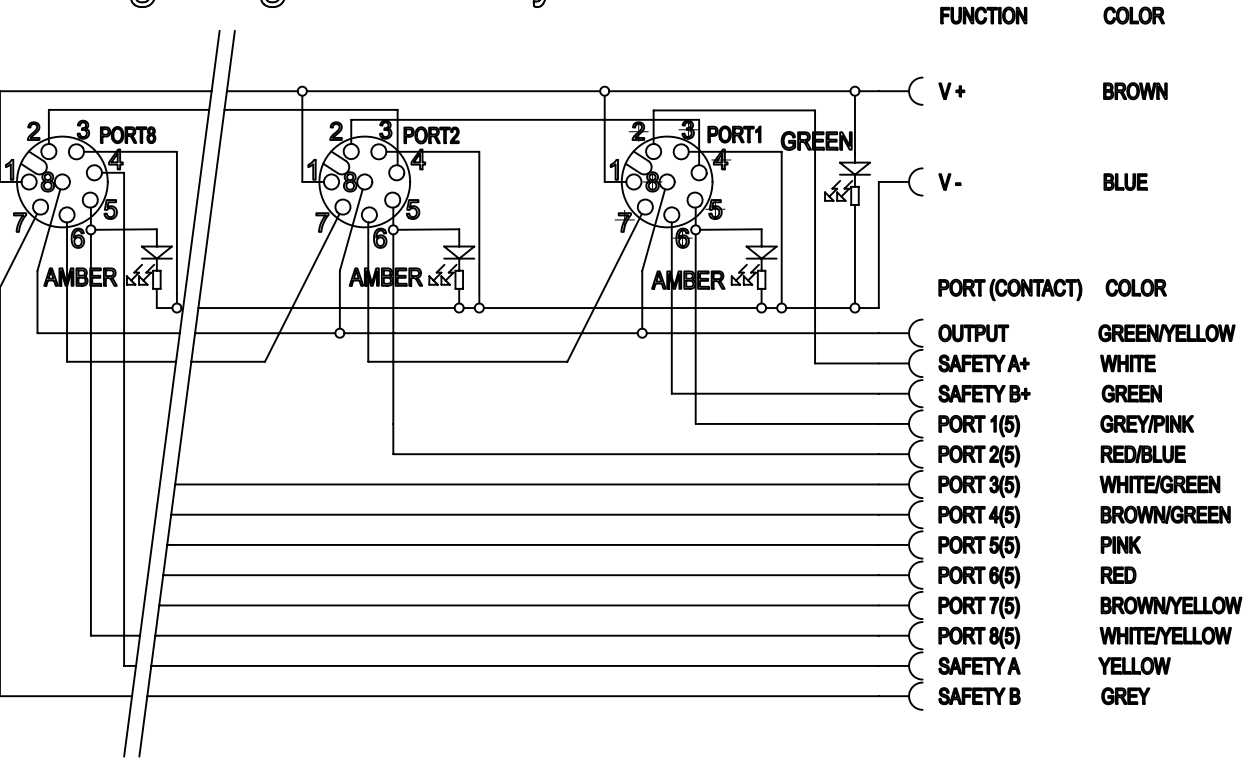
GENERAL CHARACTERISTICS:

ELECTRICAL AND MECHANICAL DATA ACC. TO IEC 61076-2-101

NOMINAL VOLTAGE: 10-30 V DC
AMPERE RATING: 4 A PER PORT / 12 A MAX
AMPERE RATING WITH UL REGISTRATION: 3 A PER PORT / 9 A MAX
IP DEGREE OF PROTECTION: IP 67
TEMPERATURE RANGE: -25°C to + 85°C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
EC DESCRIPTION EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APP: CBRUNS				QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex MPIS M12 SAFETY STA PNP NPN NOS 8P 8PT AC FE STA RD XM SINGLE	
							mm		1:1			
					ANGULAR TOL ± °		DRWN BY		DATE			
					4 PLACES ±		ULETTENMEIER		2015/05/06			
					3 PLACES ±		CHK'D BY		DATE			
EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APP: CBRUNS				QUALITY SYMBOLS	2 PLACES ±		APPR BY		DATE		PRODUCT CUSTOMER DRAWING	
					1 PLACE ±		RSILLER		2015/12/23			
					0 PLACES ± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION			
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3					
A2		REV										

Wiring Diagram Safety Wired



QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																											
	EC DESCRIPTION EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APPR: CBRUNS A2				GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° <table><tr><td>4 PLACES</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td></tr><tr><td>0 PLACES</td><td>± 0.25</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		4 PLACES	±	3 PLACES	±	2 PLACES	±	1 PLACE	±	0 PLACES	± 0.25	DIMENSION UNITS		SCALE		molex MPIS M12 SAFETY STA PNP NPN NOS 8P 8PT AC FE STA RD XM SINGLE PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>120248</td><td></td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2">1202480510</td><td>PSD</td><td>000</td><td colspan="2">2 OF 2</td></tr></table>				SERIES	MATERIAL NUMBER	CUSTOMER		120248		GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		1202480510		PSD	000	2 OF 2	
							4 PLACES	±																																				
							3 PLACES	±																																				
							2 PLACES	±																																				
							1 PLACE	±																																				
	0 PLACES	± 0.25																																										
	SERIES	MATERIAL NUMBER	CUSTOMER																																									
	120248		GENERAL MARKET																																									
	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER																																							
1202480510		PSD	000	2 OF 2																																								
mm																																												
DRWN BY		DATE																																										
ULETTENMEIER		2015/05/06																																										
CHK'D BY		DATE																																										
APPR BY		DATE																																										
RSILLER		2015/12/23																																										
DRAWING SIZE		THIRD ANGLE PROJECTION																																										
A3		