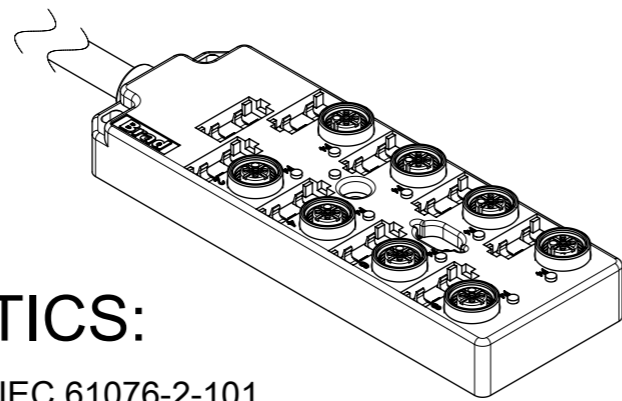
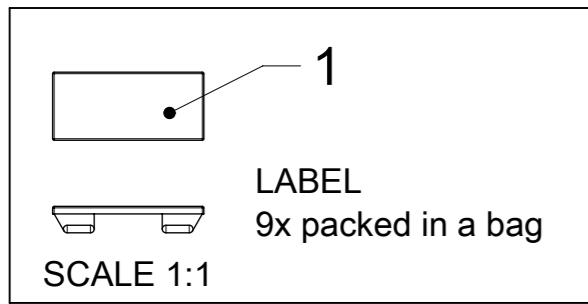
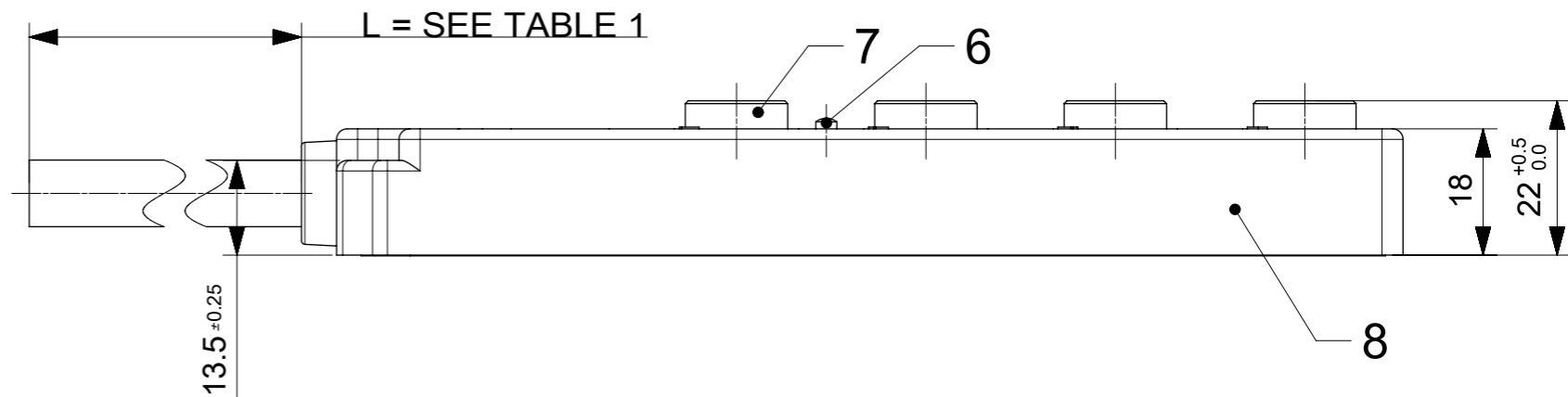
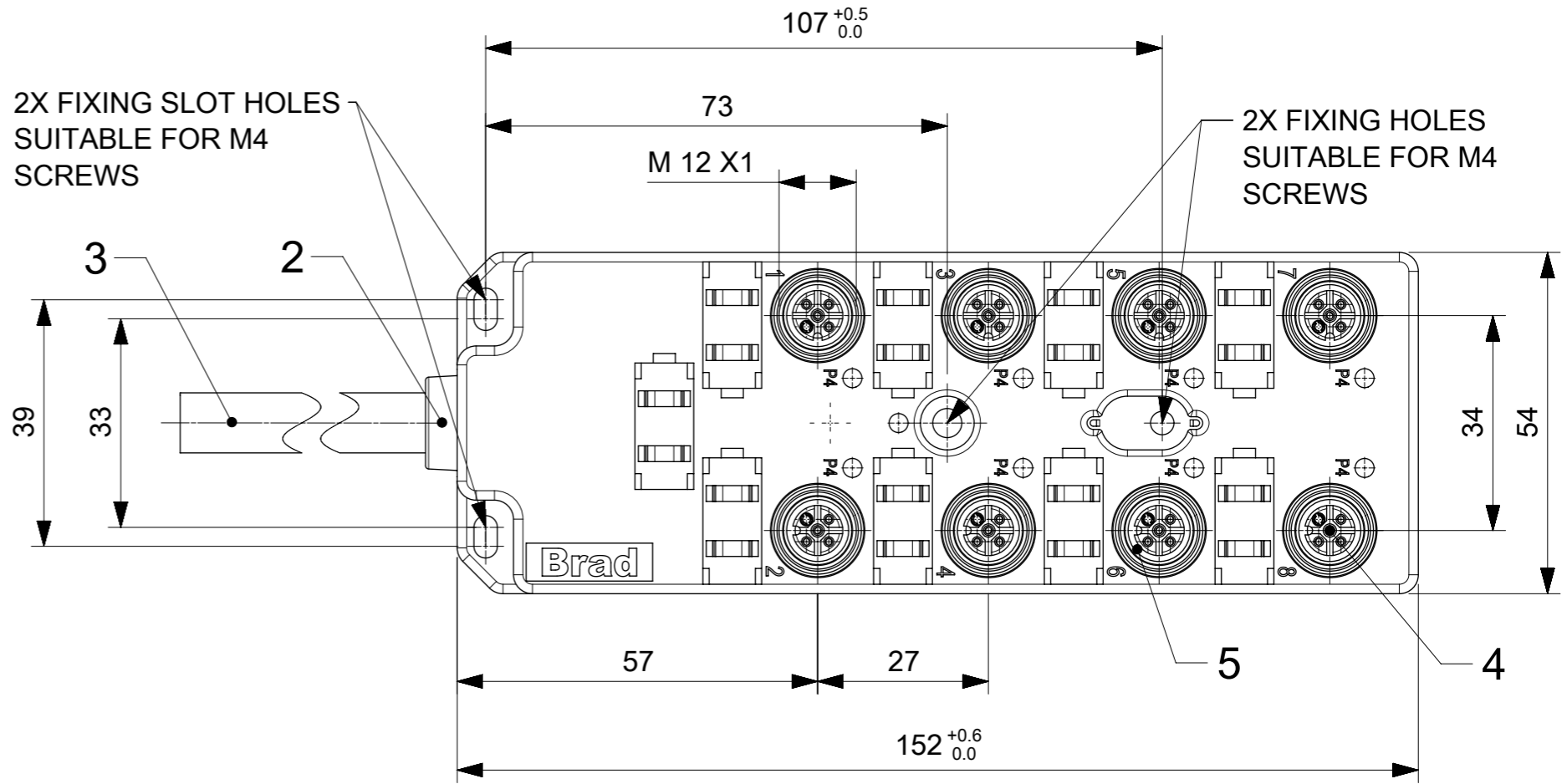


TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED
1202480019	BTB8000-FBW-05	5000	NO
1202480020	BTB8000-FBW-10	10000	NO
1202480021	BTB8000-FBW-15	15000	NO
1202480022	BTB800P-FBW-05	5000	YES
1202480023	BTB800P-FBW-10	10000	YES
1202480024	BTB800P-FBW-15	15000	YES
1202480025	BTB800N-FBW-05	5000	YES
1202480026	BTB800N-FBW-10	10000	YES
1202480027	BTB800N-FBW-15	15000	YES

TABLE 2 BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	BLACK
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	BLACK



GENERAL CHARACTERISTICS:

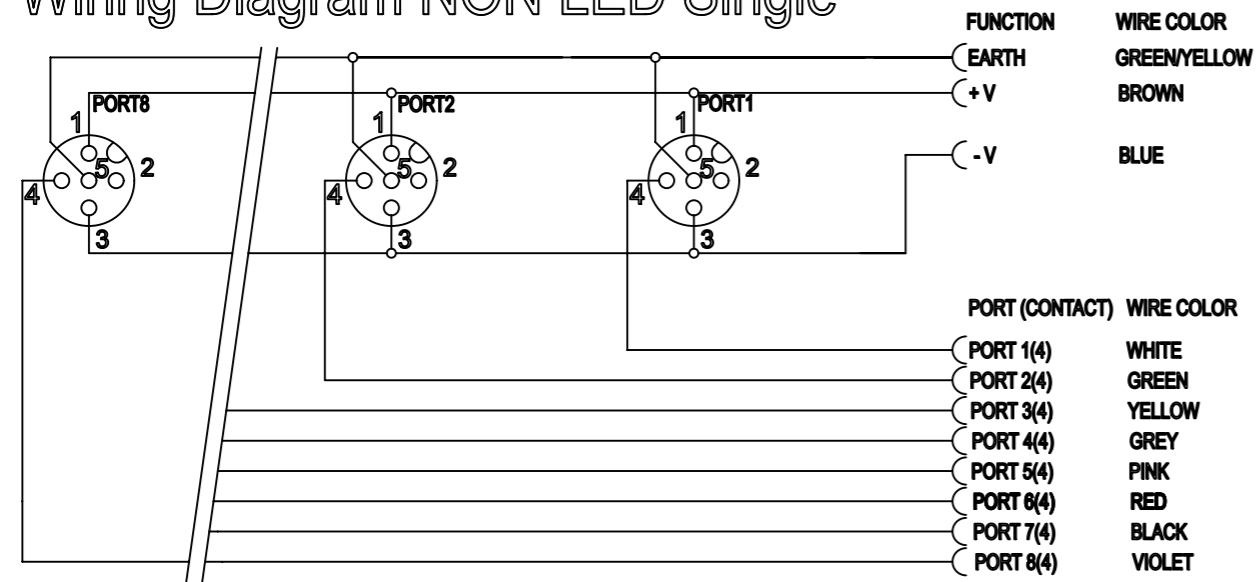
ELECTRICAL AND MECHANICAL DATA ACC. TO IEC 61076-2-101

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

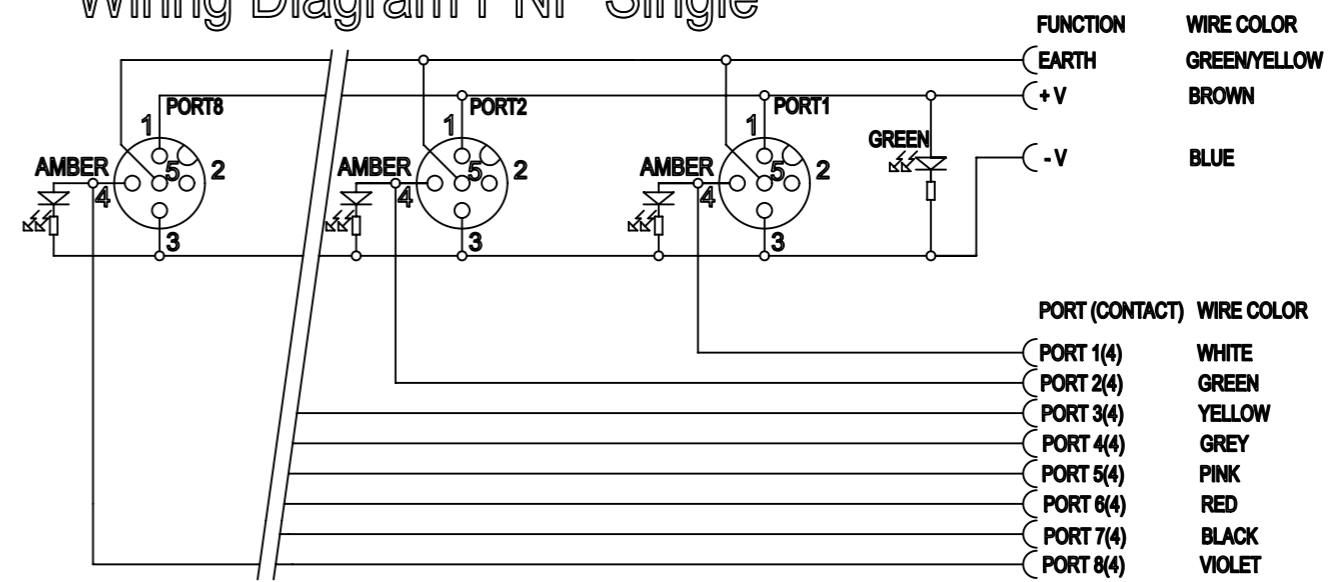
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	
	▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± 0.25	mm	1:1	
	DRWN BY: AAHLERS DATE: 2015/04/01 CHK'D BY: DATE:	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING	
	APPR BY: RSILLER DATE: 2015/05/20	DRAWING SIZE: A3	SERIES: 120248 MATERIAL NUMBER: SEE TABLE 1 CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: 1202480019 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2	

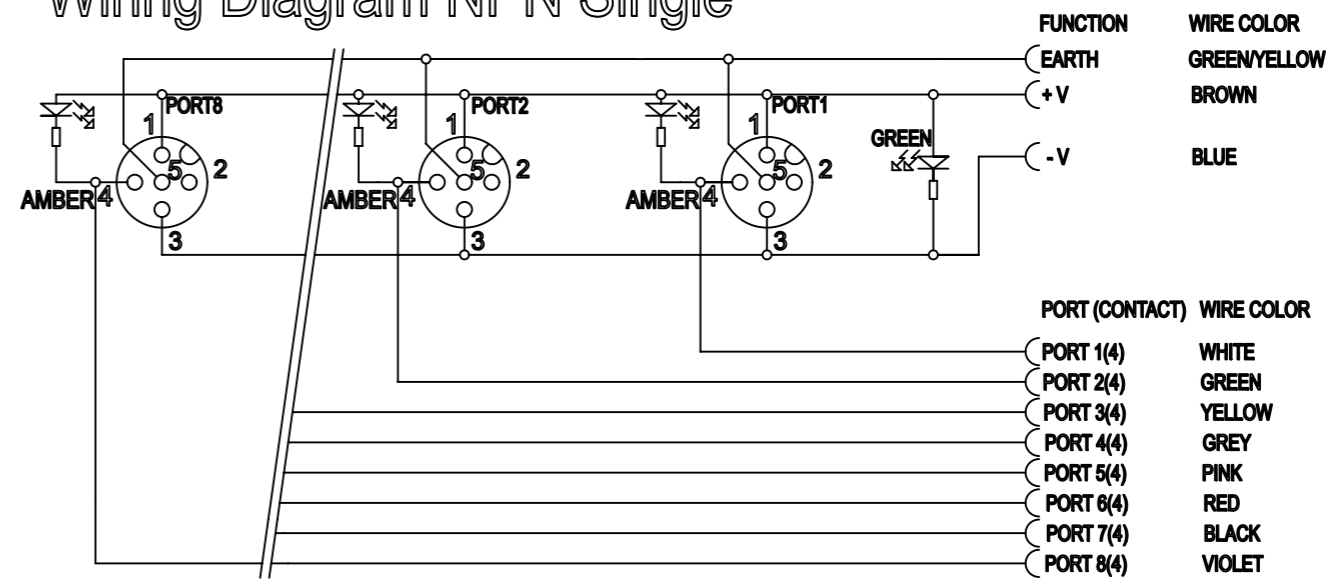
Wiring Diagram NON LED Single



Wiring Diagram PNP Single



Wiring Diagram NPN Single



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EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± 0.25 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE			
	= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		mm	1:1			
	DRWN BY AAHLERS		DATE	2015/04/01			
	APPR BY RSILLER		DATE	2015/05/20			
EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	DIMENSION UNITS mm	SCALE 1:1	MPIS M12 PNP NPN NOS 4P 8PT AC FE STR BK XM STA SINGLE			
EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	DIMENSION UNITS mm	SCALE 1:1	PRODUCT CUSTOMER DRAWING			
EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	DIMENSION UNITS mm	SCALE 1:1	SERIES 120248	MATERIAL NUMBER SEE TABLE 1	CUSTOMER GENERAL MARKET	
EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	EC DESCRIPTION EC NO: 120547 DRWN: ULETTENMEIER 2017/08/10 CHK'D: APPR: RSILLER 2017/08/23	DIMENSION UNITS mm	SCALE 1:1	DOCUMENT NUMBER 1202480019	DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 2