

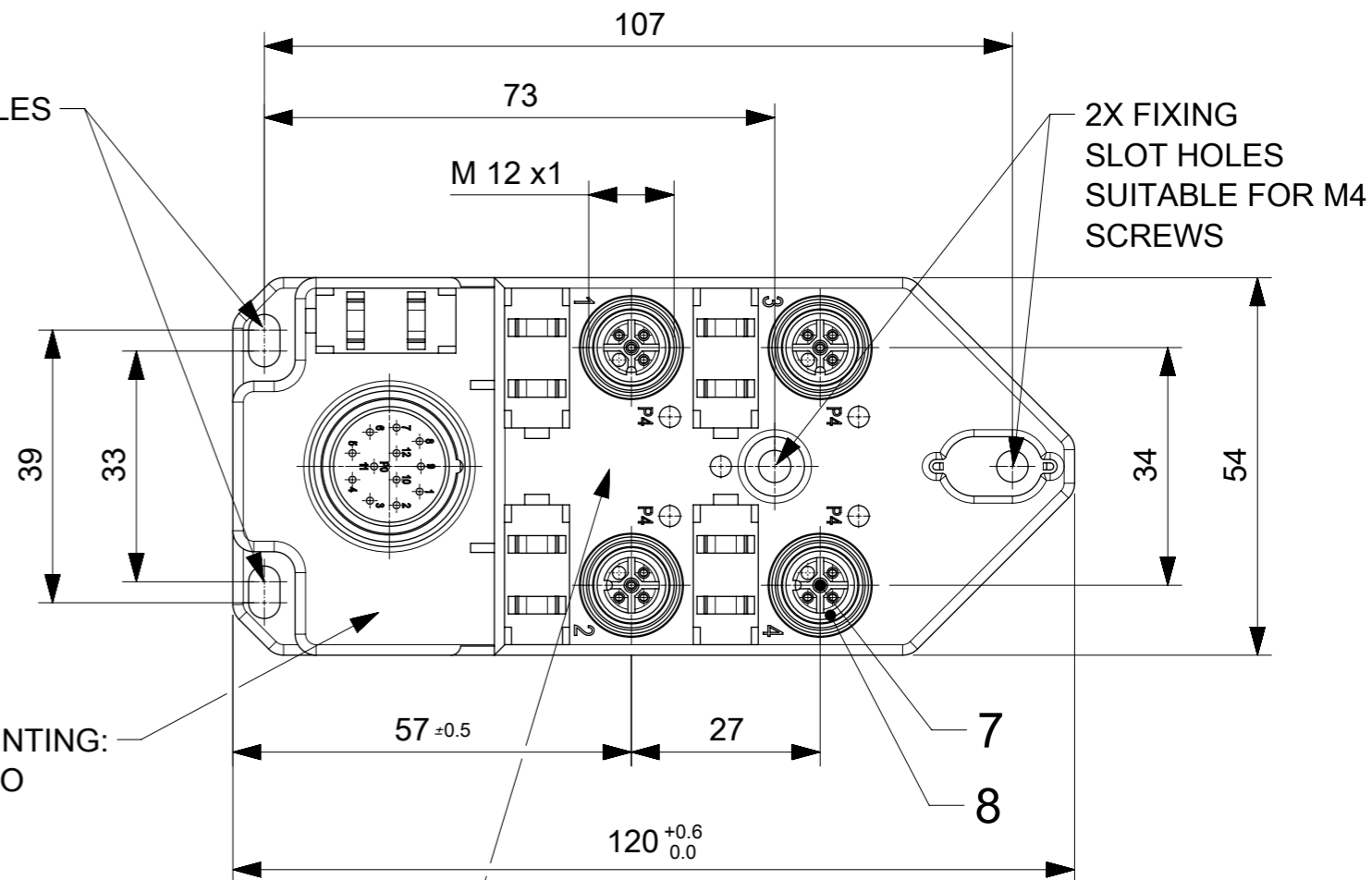
TABLE 1

MOLEX P/N	ENG. NO.	LED
1202480055	BTB4010-FBC	NO
1202480056	BTB401P-FBC	YES
1202480132	BTB401N-FBC	YES

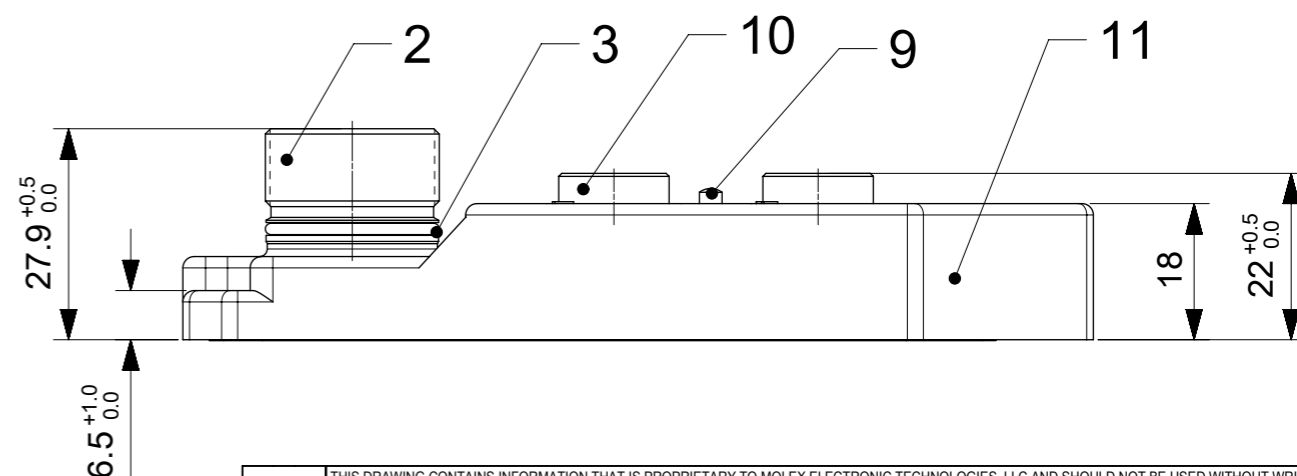
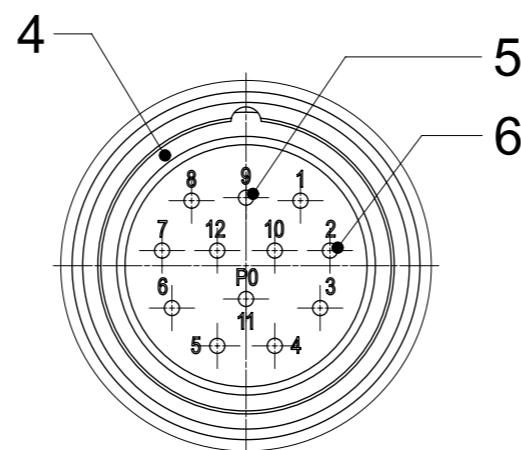
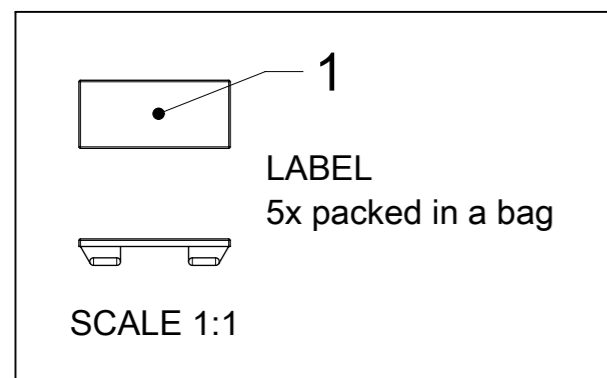
TABLE 2 BILL OF MATERIAL

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

2X FIXING SLOT HOLES
SUITABLE FOR M4
SCREWS



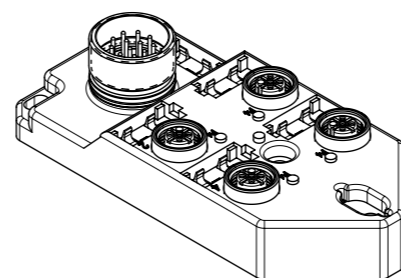
LASER PRINTING:
PN: 120248XXXX
ENG.: BTB401X-FBC
PO: XXXXXXXXXX



GENERAL CHARACTERISTICS:

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

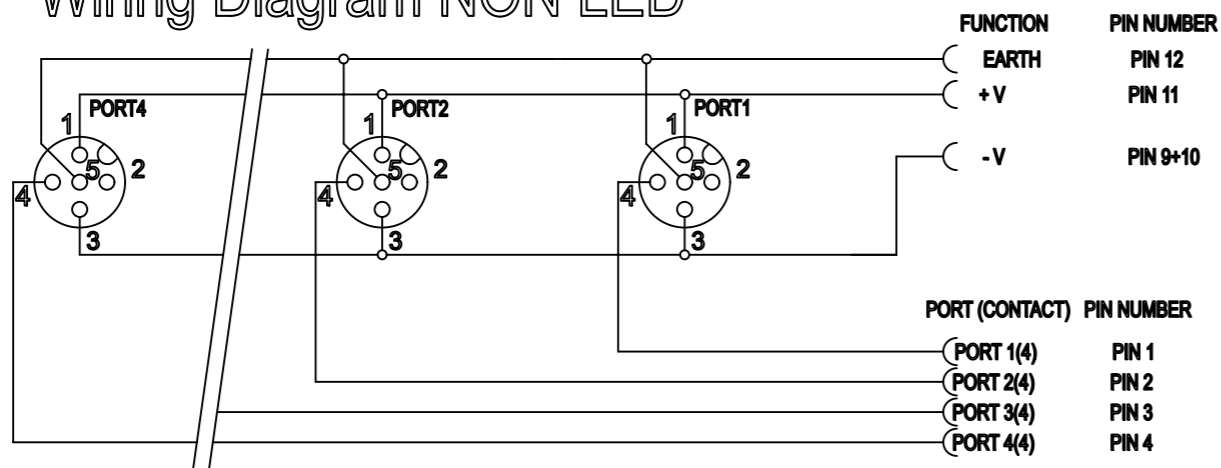
NOMINAL VOLTAGE: 10-30 V DC
 AMPERE RATING: 4 A PER PORT / 12 A MAX
 AMPERE RATING WITH UL REGISTRATION: 3 A PER PORT / 9 A MAX
 IP DEGREE OF PROTECTION: IP 67
 TEMPERATURE RANGE: -25°C to + 85°C



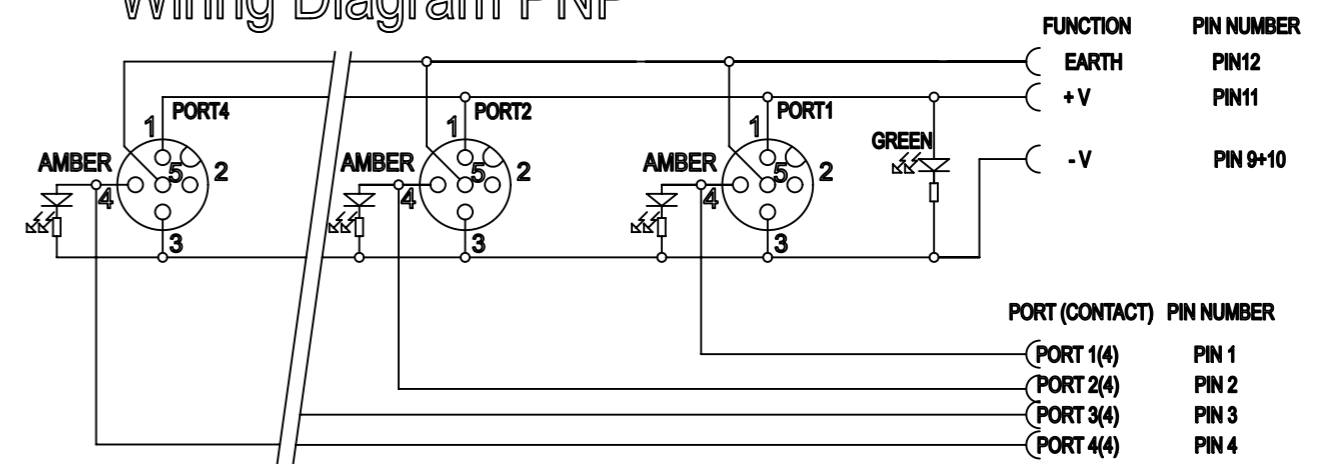
SCALE 1:2

SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: LASER PRINT UPDATE					
▽ = 0	mm		molex MPIS M12 PNP NPN NOS 4P 4PT 12P M23 BK XM STA SINGLE					
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 606042		
▽ = 0	ANGULAR TOL ± °					DRWN: SSM 2018/08/30		
▽ = 0	4 PLACES ±					CHK'D: RSILLER 2018/10/18		
▽ = 0	3 PLACES ±		APPR: RSILLER 2018/10/18					
▽ = 0	2 PLACES ±		INITIAL REVISION:					
▽ = 0	1 PLACE ±		DRWN: AAHLERS 2015/04/02					
▽ = 0	0 PLACES ± 0.25		APPR: RSILLER 2015/05/20					
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
▽ = 0			A3-SIZE	120248	SEE TABLE 1	GENERAL MARKET	1 OF 2	

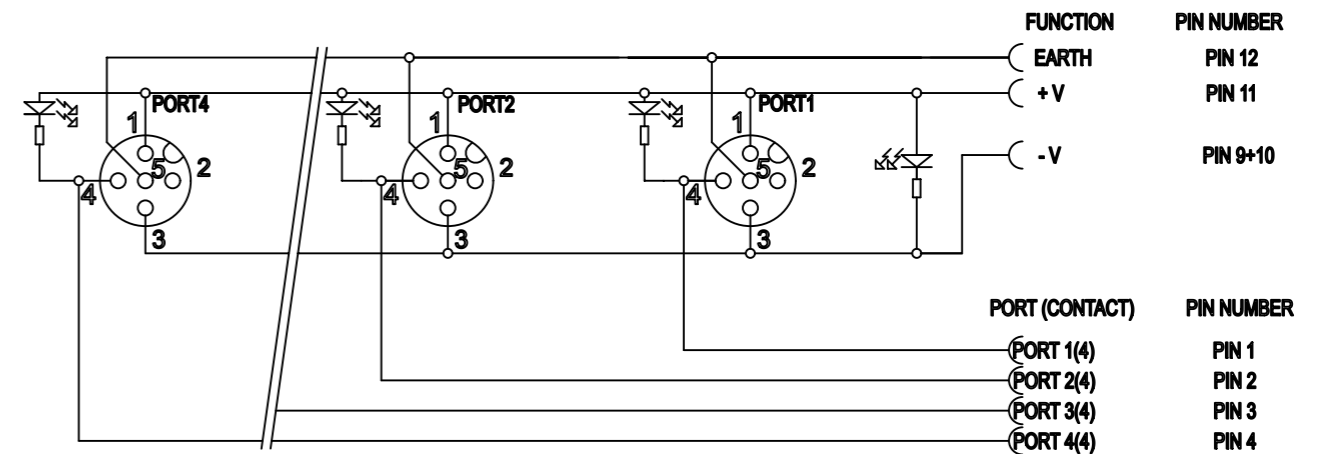
Wiring Diagram NON LED



Wiring Diagram PNP



WIRING DIAGRAM NPN



SYMBOLS DIMENSION UNITS SCALE ▽ = 0 mm ▽ = 0 GENERAL TOLERANCES (UNLESS SPECIFIED) ▽ = 0 ANGULAR TOL ± ° ▽ = 0 4 PLACES ± ▽ = 0 3 PLACES ± ▽ = 0 2 PLACES ± ▽ = 0 1 PLACE ± ▽ = 0 0 PLACES ± 0.25 ■ = 0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: LASER PRINT UPDATE				
	EC NO: 606042 DRWN: SSM 2018/08/30 CHK'D: RSILLER 2018/10/18 APPR: RSILLER 2018/10/18				
	INITIAL REVISION: DRWN: AAHLERS 2015/04/02 APPR: RSILLER 2015/05/20		PRODUCT CUSTOMER DRAWING		
	THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER		DOCUMENT NUMBER DOC TYPE DOC PART REVISION		
A3-SIZE 120248 SEE TABLE 1 GENERAL MARKET 2 OF 2		1202480055 PSD 000 B			