

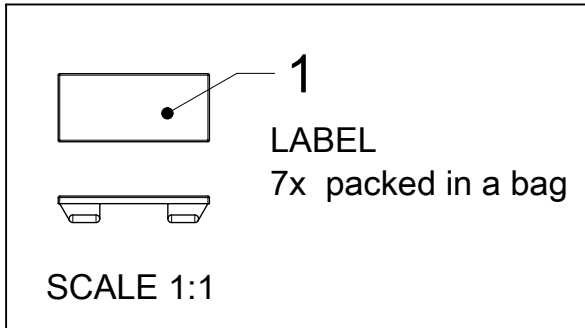
TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED
1202480010	BTB6000-FBW-05	5000	NO
1202480011	BTB6000-FBW-10	10000	NO
1202480012	BTB6000-FBW-15	15000	NO
1202480013	BTB600P-FBW-05	5000	YES
1202480014	BTB600P-FBW-10	10000	YES
1202480015	BTB600P-FBW-15	15000	YES
1202480144	BTB600P-FBW-20	20000	YES
1202480016	BTB600N-FBW-05	5000	YES
1202480017	BTB600N-FBW-10	10000	YES
1202480018	BTB600N-FBW-15	15000	YES

A1

TABLE 2 BILL OF MATERIAL

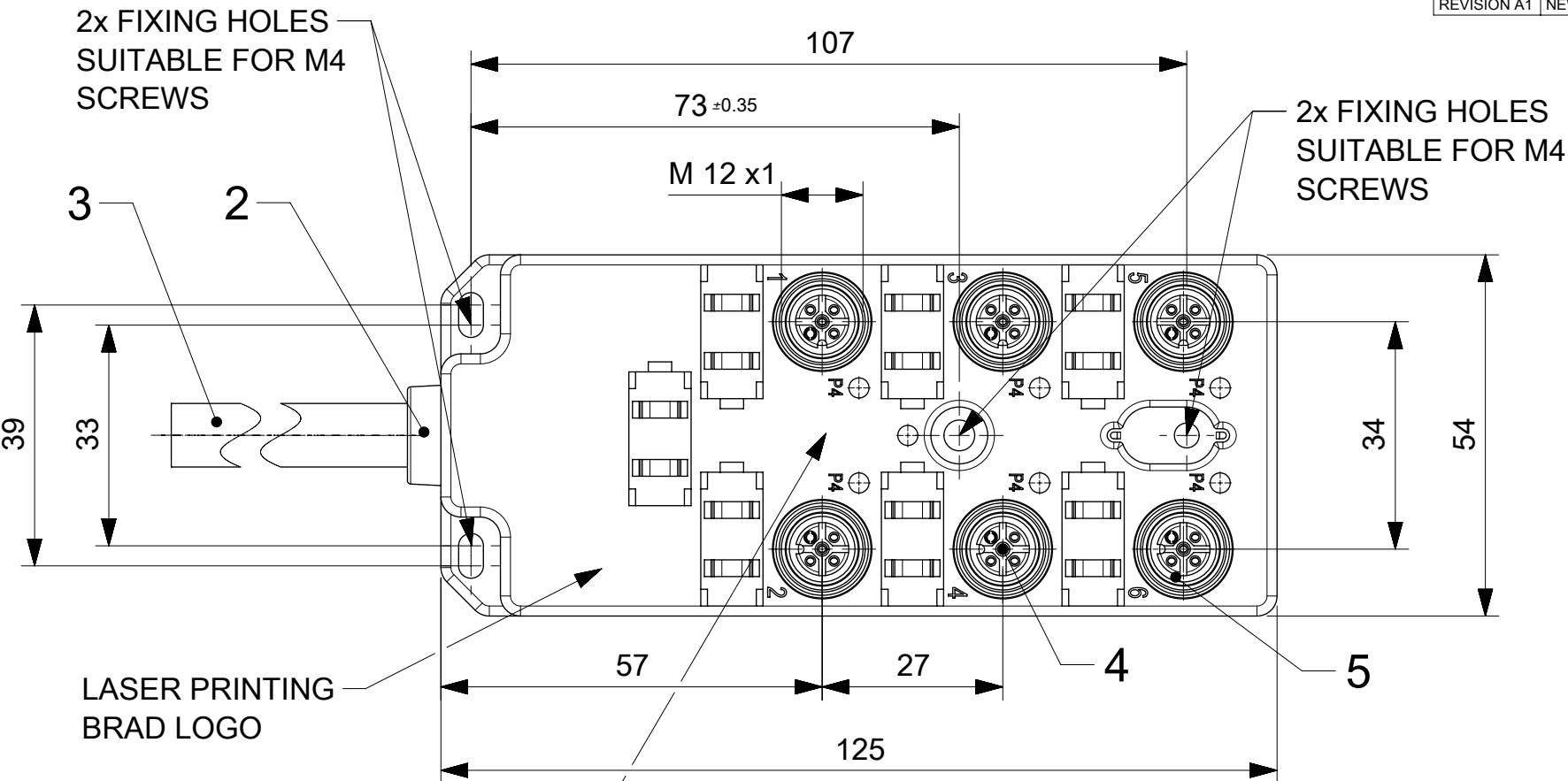
ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	BLACK
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	BLACK



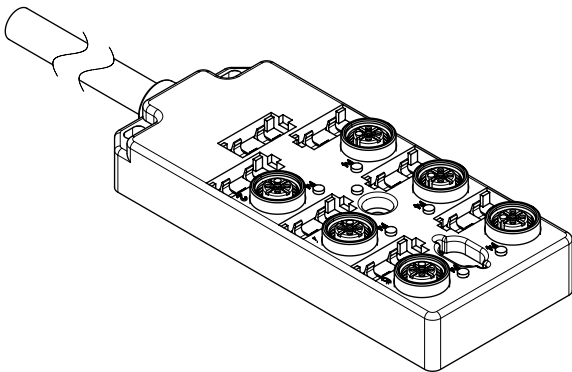
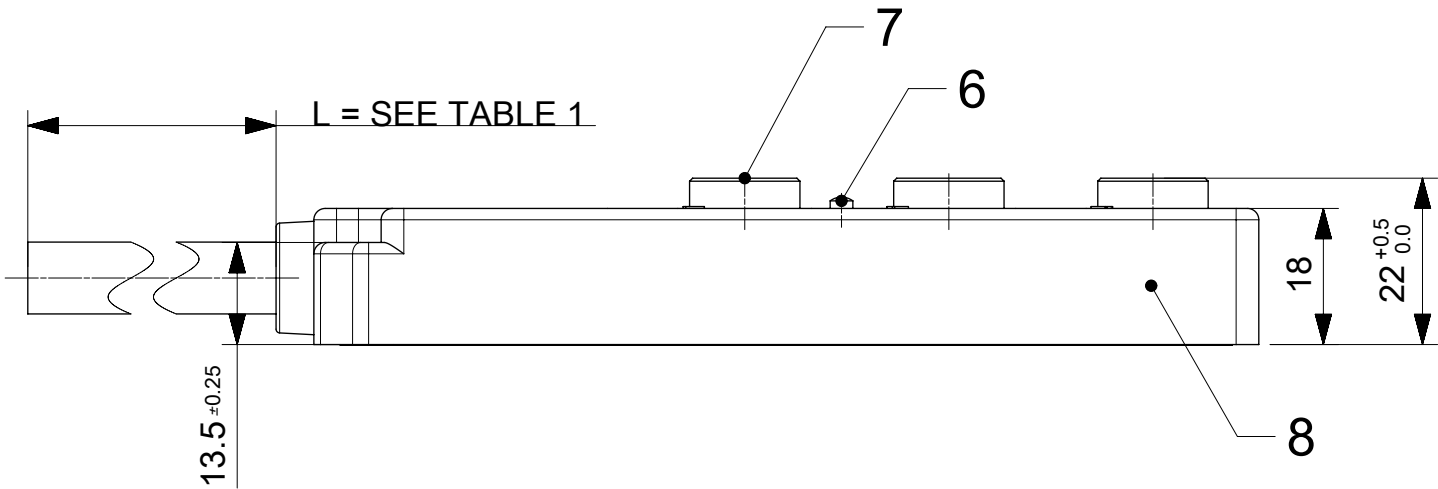
GENERAL CHARACTERISTICS:

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



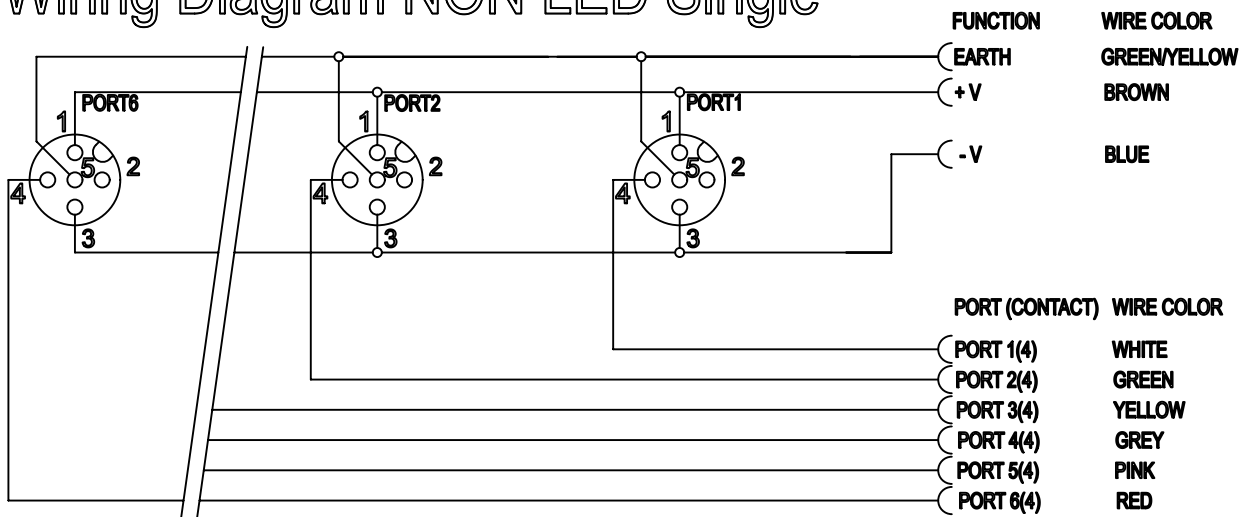
LASER PRINTING:
PN: 120248XXXX
ENG.: BTB600X-FBW-XX
PO: XXXXXXXXXX



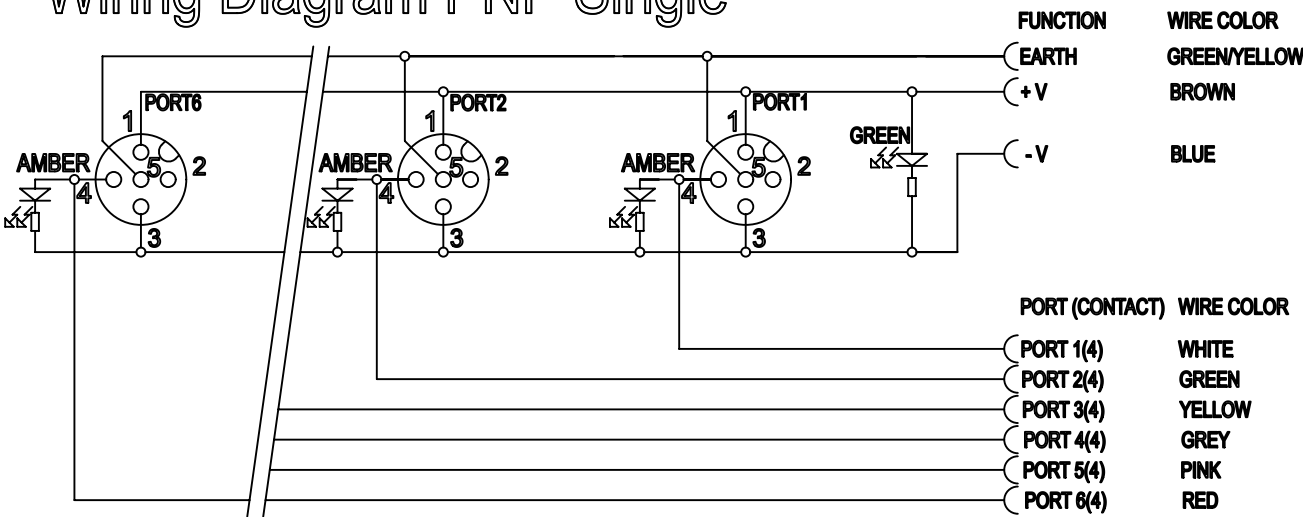
SCALE 1:2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: LASER PRINT UPDATE				
 = 0	mm						molex MPIS M12 PNP NPN NOS 4P 6PT AC FE STR XM STA SINGLE			
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
 = 0										
ANGULAR TOL		±	°							
 = 0	4 PLACES		±			EC NO: 606042				
 = 0	3 PLACES		±			DRWN: SSM 2018/08/28				
 = 0	2 PLACES		±			CHK'D: RSILLER 2018/10/18				
 = 0	1 PLACE		±			APPR: RSILLER 2018/10/18				
 = 0	0 PLACES		±	0.25			INITIAL REVISION:			
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		2015/04/01	
2018/02/09										
 = 0									DOCUMENT NUMBER	
								1202480010		
								DOC TYPE		
								PSD		
								DOC PART		
								000		
								REVISION		
								B		
								MATERIAL NUMBER		
								SEE TABLE 1		
								CUSTOMER		
								GENERAL MARKET		
								SHEET NUMBER		
								1 OF 2		

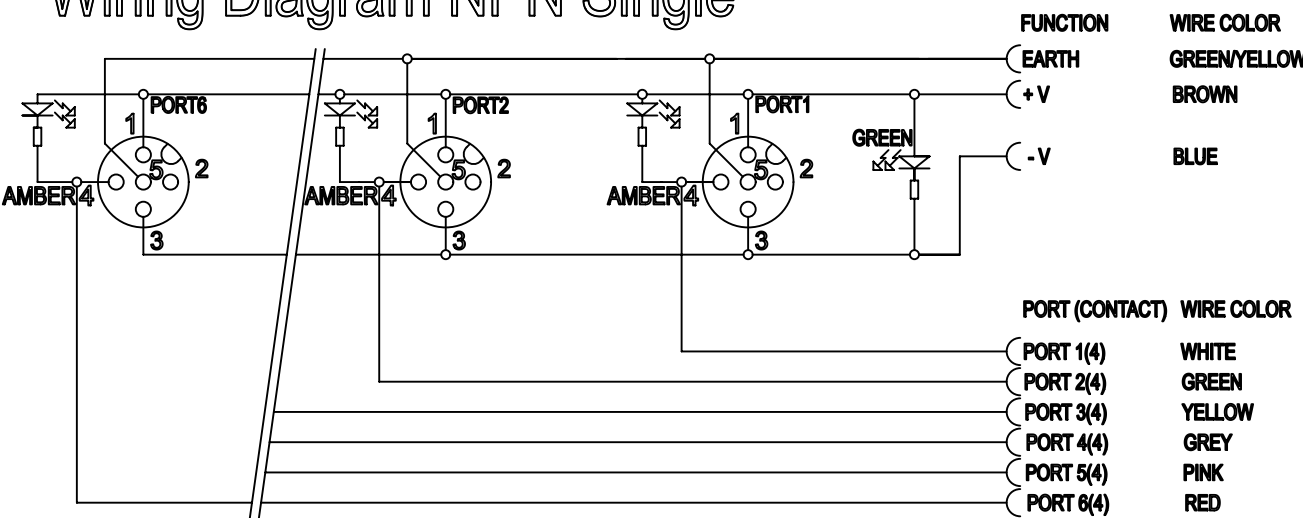
Wiring Diagram NON LED Single



Wiring Diagram PNP Single



Wiring Diagram NPN Single



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
= 0	mm	
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
= 0		
= 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	THIRD ANGLE PROJECTION	
CURRENT REV DESC: LASER PRINT UPDATE		
EC NO: 606042		
DRWN: SSM 2018/08/28		
CHK'D: RSILLER 2018/10/18		
APPR: RSILLER 2018/10/18		
INITIAL REVISION:		
DRWN: AAHLERS 2015/04/01		
APPR: RSILLER 2018/02/09		
MPIS M12 PNP NPN NOS 4P 6PT AC FE STR XM STA SINGLE		
PRODUCT CUSTOMER DRAWING		
DOCUMENT NUMBER		DOC TYPE
1202480010		PSD
DOC PART		REVISION
000		B
MATERIAL NUMBER		CUSTOMER
SEE TABLE 1		GENERAL MARKET
SHEET NUMBER		2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[1202480011](#) [1202480012](#) [1202480010](#)