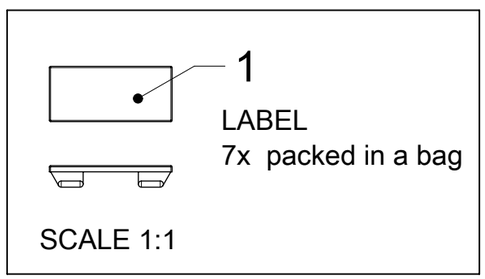
REVISION A1	NEW PN ADDED

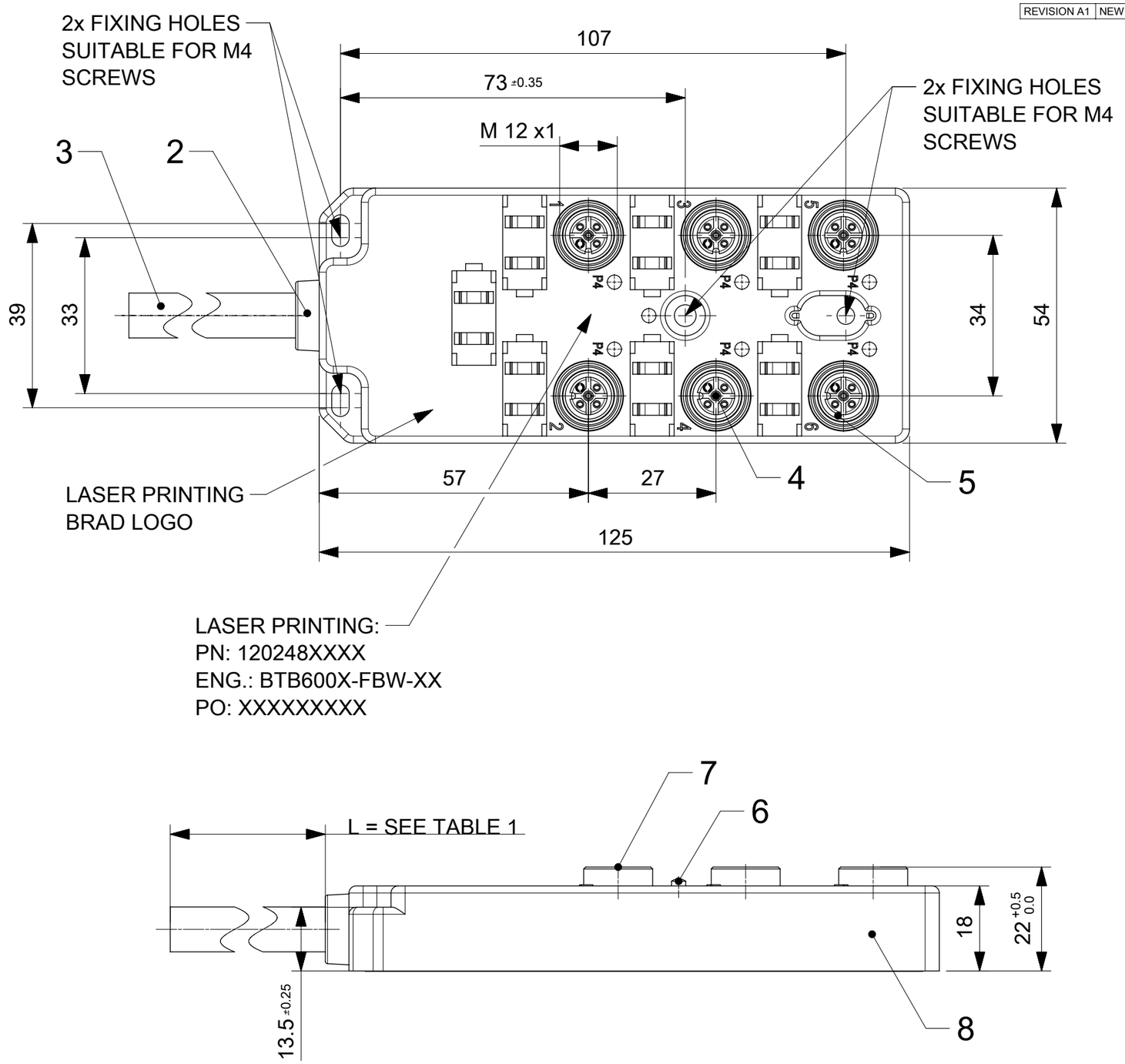
TABLE 1

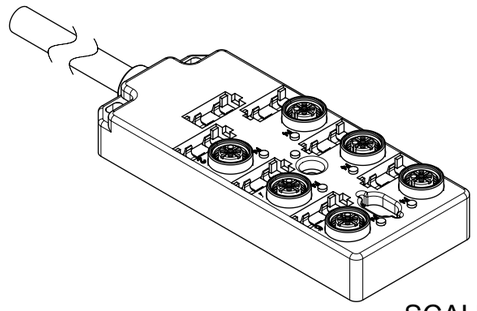
MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED	
1202480010	BTB6000-FBW-05	5000	NO	
1202480011	BTB6000-FBW-10	10000	NO	
1202480012	BTB6000-FBW-15	15000	NO	
1202480013	BTB600P-FBW-05	5000	YES	
1202480014	BTB600P-FBW-10	10000	YES	
1202480015	BTB600P-FBW-15	15000	YES	
1202480144	BTB600P-FBW-20	20000	YES	A1
1202480016	BTB600N-FBW-05	5000	YES	
1202480017	BTB600N-FBW-10	10000	YES	
1202480018	BTB600N-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

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/18 10:40:57

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

SYMBOLS
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm
SCALE:
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

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

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 120248

molex

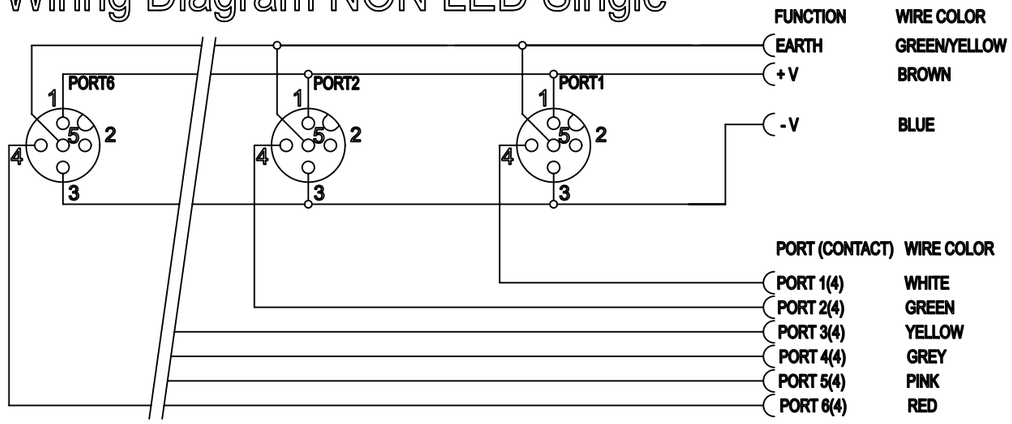
MPIS M12 PNP NPN NOS 4P 6PT AC FE STR XM STA SINGLE

PRODUCT CUSTOMER DRAWING

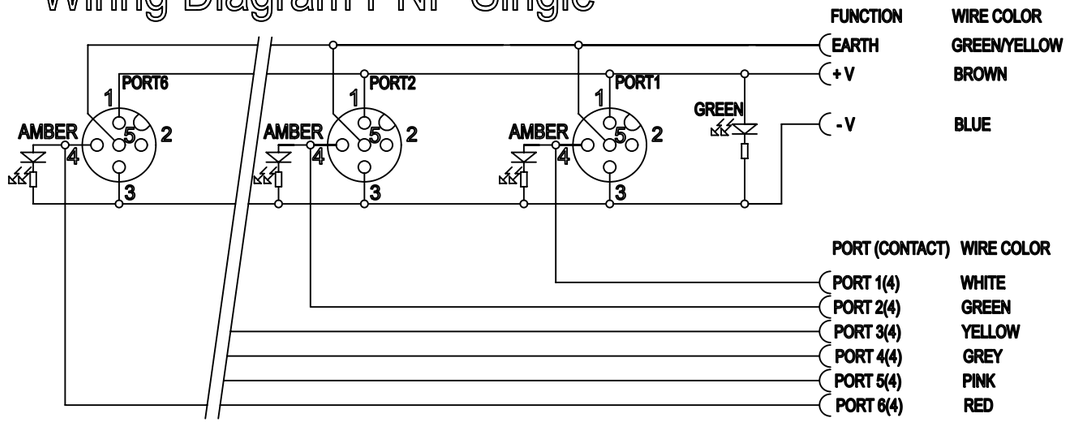
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1202480010	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 1	GENERAL MARKET	1 OF 2

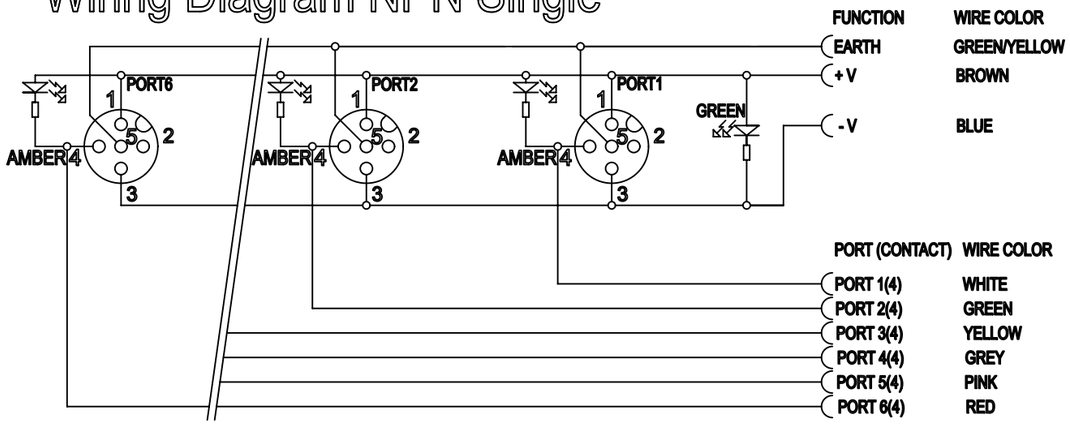
Wiring Diagram NON LED Single



Wiring Diagram PNP Single



Wiring Diagram NPN Single



SYMBOLS	
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DIMENSION UNITS	SCALE
mm	
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	

CURRENT REV DESC: LASER PRINT UPDATE

EC NO: 606042

DRWN:	SSM	2018/08/28
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APPR:	RSILLER	2018/10/18

INITIAL REVISION:

DRWN:	AAHLERS	2015/04/01
APPR:	RSILLER	2018/02/09

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120248

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MPIS M12 PNP NPN NOS 4P 6PT AC FE STR XM STA SINGLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202480010	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 1	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/18 10:40:57

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18