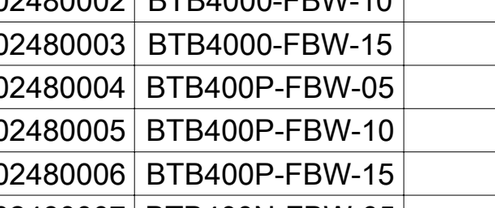
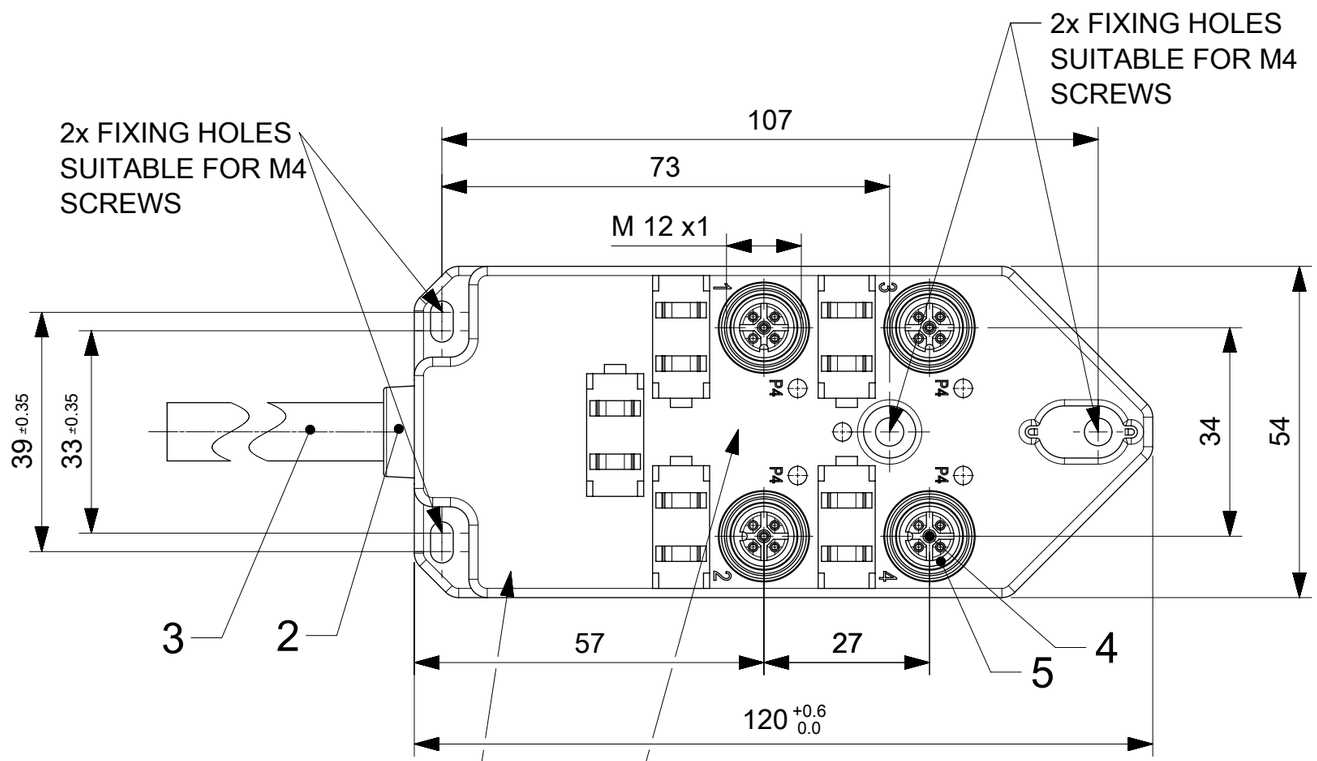
TABLE 1

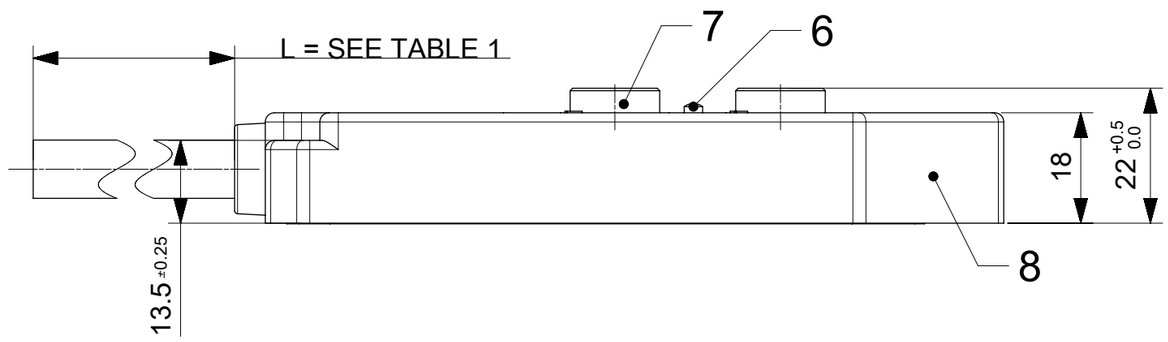
MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED
1202480001	BTB4000-FBW-05	5000	NO
1202480002	BTB4000-FBW-10	10000	NO
1202480003	BTB4000-FBW-15	15000	NO
1202480004	BTB400P-FBW-05	5000	YES
1202480005	BTB400P-FBW-10	10000	YES
1202480006	BTB400P-FBW-15	15000	YES
1202480007	BTB400N-FBW-05	5000	YES
1202480008	BTB400N-FBW-10	10000	YES
1202480009	BTB400N-FBW-15	15000	YES

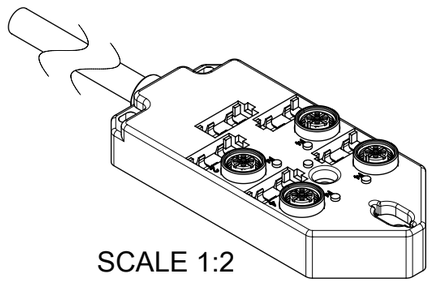
TABLE 2 BILL OF MATERIAL

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°CC

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

SYMBOLS: F = 0, E = 0, F = 0, S = 0, ▼ = 0, C = 0, ☒ = 0, ■ = 0, ▽ = 0

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 2015/05/20

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

molex

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

PRODUCT CUSTOMER DRAWING

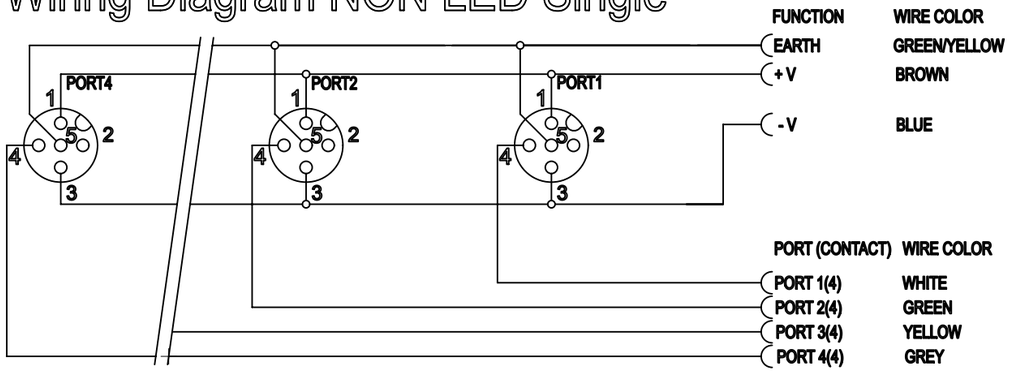
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202480001	PSD	000	B

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

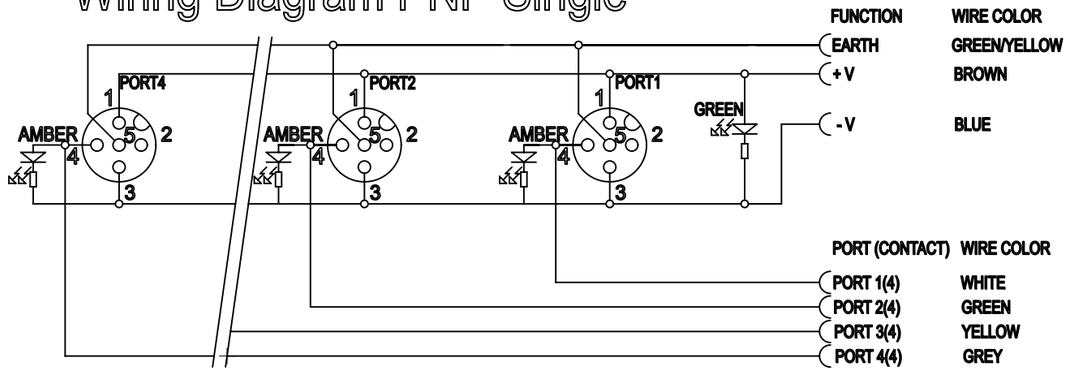
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FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

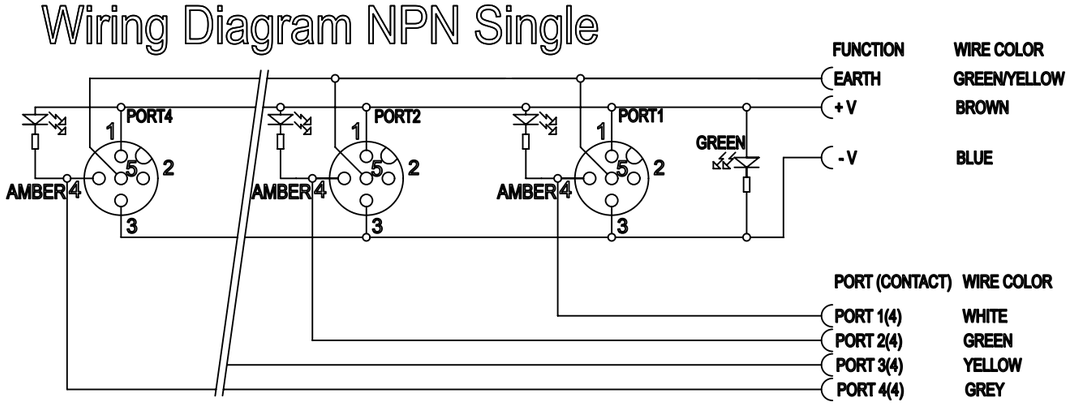
Wiring Diagram NON LED Single



Wiring Diagram PNP Single



Wiring Diagram NPN Single



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

SYMBOLS

= 0

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

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DRWN: AAHLERS 2015/04/01
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120248

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202480001	PSD	000	B

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

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/18 10:40:55

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