TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH+TOL. (mm)	LED
1202470001	BEB401P-FBW-05	5000	YES
1202470002	BEB401P-FBW-10	10000	YES
1202470003	BEB401P-FBW-15	15000	YES
1202470004	BEB401P-FBW-20	20000	YES
1202470028	BEB4010-FBW-05	5000	NO
1202470029	BEB4010-FBW-10	10000	NO
1202470030	BEB4010-FBW-15	15000	NO

TABLE 3

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

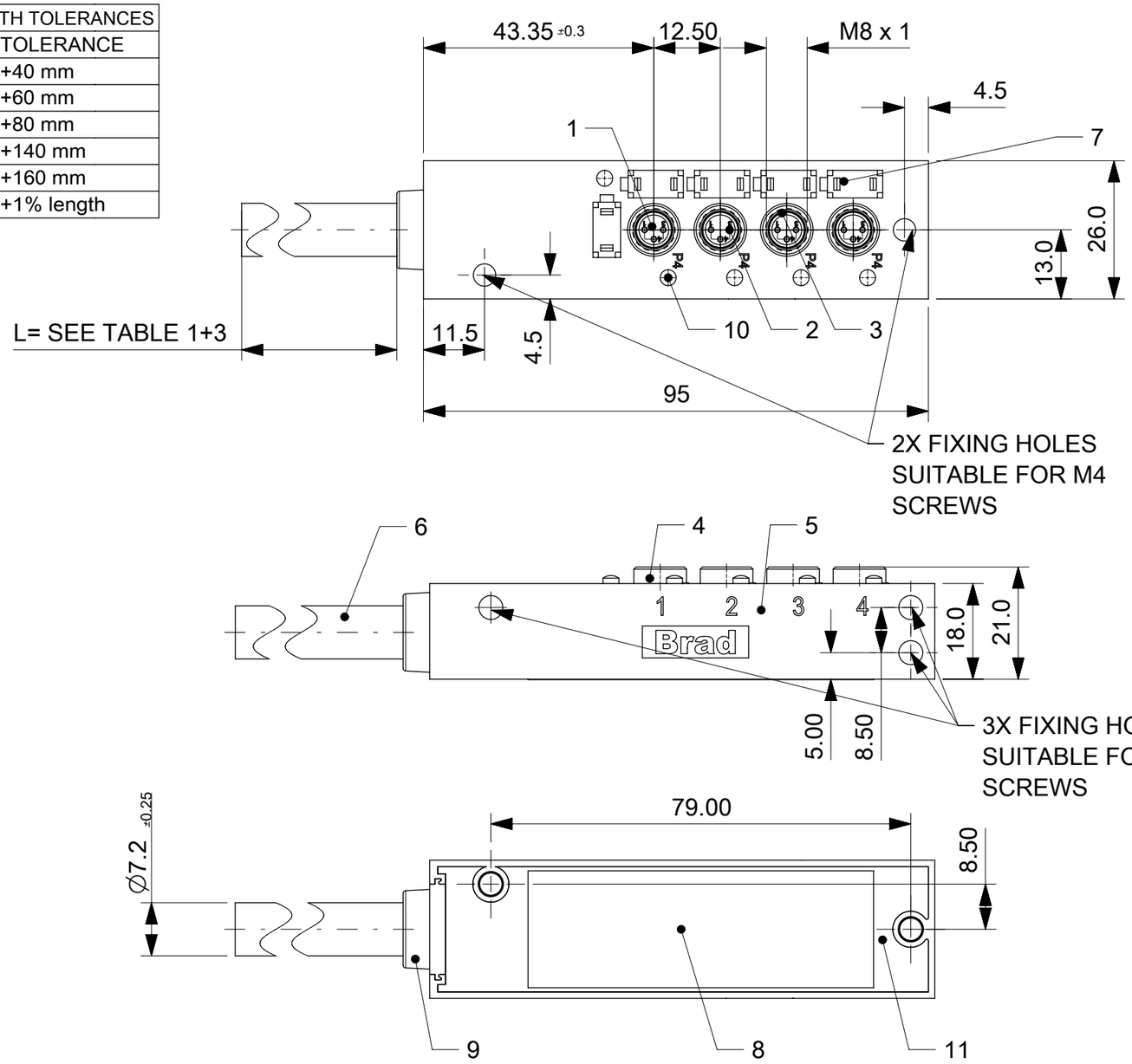
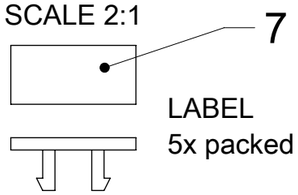


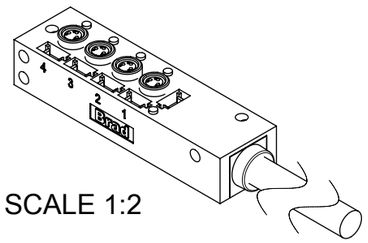
TABLE 2

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	TPU	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
5	HOUSING	PBT	BLACK
6	CABLE	TPU	BLACK
7	LABEL	ABS	WHITE
8	LABEL ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
11	RESIN	EPOXY	TRANSPARENT

SCALE 2:1



LABEL
5x packed in a bag.



SCALE 1:2

GENERAL CHARACTERISTICS:

NOMINAL VOLTAGE: 24 V DC
RATED CURRENT: 2 A PER PORT / 6 A MAX: TOTAL
IP DEGREE OF PROTECTION: IP 68
TEMPERATURE RANGE: -25°C to + 85°C

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/12 08:26:10

FORMAT: master_molex-A3
REVISION: H
DATE: 2018/01/16

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

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

DIMENSION UNITS: mm
SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.2
1 PLACE ± 0.3
0 PLACES ± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CABLE LENGTH TOLERANCES ADDED

EC NO: 631956
DRWN: RSCHIEBER 2020/02/11
CHK'D: RSILLER 2020/02/12
APPR: RSILLER 2020/02/12

INITIAL REVISION:
DRWN: ULETTENMEIER 2015/01/20
APPR: RSILLER 2015/04/22

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120247

molex

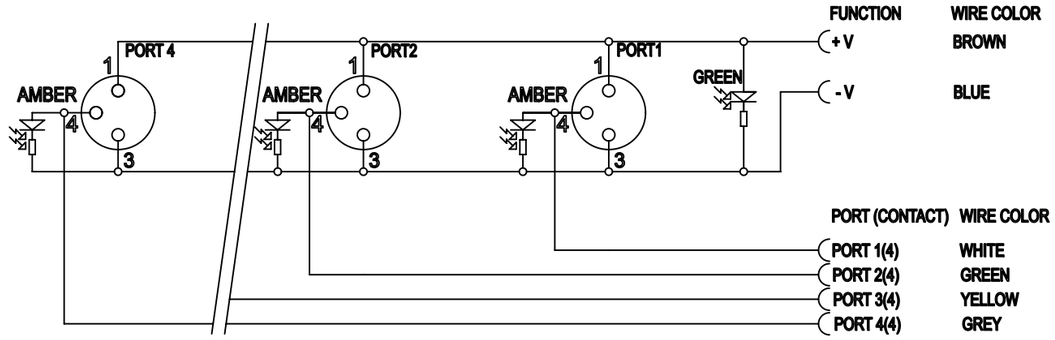
MPIS M8 PNP NPN NOS 3P 4PT BK XM SINGLE

PRODUCT CUSTOMER DRAWING

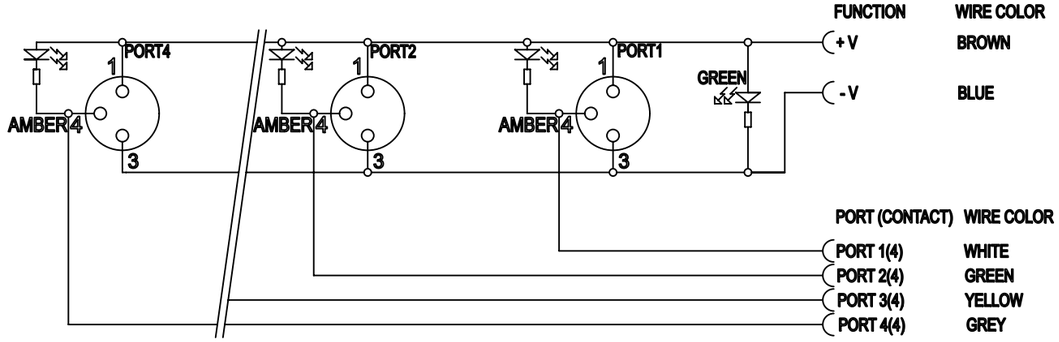
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470001	PSD	000	B1

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

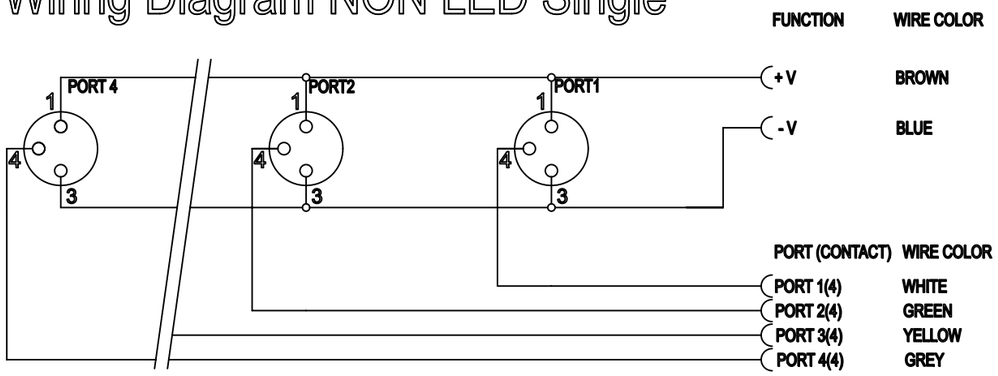
Wiring Diagram PNP Single



Wiring Diagram NPN Single



Wiring Diagram NON LED Single



DOCUMENT STATUS	P1	RELEASE DATE	2020/02/12 08:26:10

FORMAT: molex_shared_A3
REVISION: H
DATE: 2018/01/16

SYMBOLS	
F =	0
E =	0
B =	0
S =	0
▼ =	0
C =	0
☒ =	0
■ =	0
▽ =	0

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CABLE LENGTH TOLERANCES ADDED

EC NO: 631956

DRWN:	RSCHIEBER	2020/02/11
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APPR:	RSILLER	2020/02/12

INITIAL REVISION:

DRWN:	ULETTENMEIER	2015/01/20
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THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	120247

molex

MPIS M8 PNP NPN NOS 3P 4PT BK XM SINGLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470001	PSD	000	B1

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