TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH+TOL. (mm)	LED
1202470005	BEBA01P-FBW-003	300	YES
1202470006	BEBA01P-FBW-05	5000	YES
1202470007	BEBA01P-FBW-10	10000	YES
1202470008	BEBA01P-FBW-15	15000	YES
1202470009	BEBA01P-FBW-20	20000	YES
1202470037	BEBA010-FBW-05	5000	NO
1202470038	BEBA010-FBW-10	10000	NO
1202470039	BEBA010-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

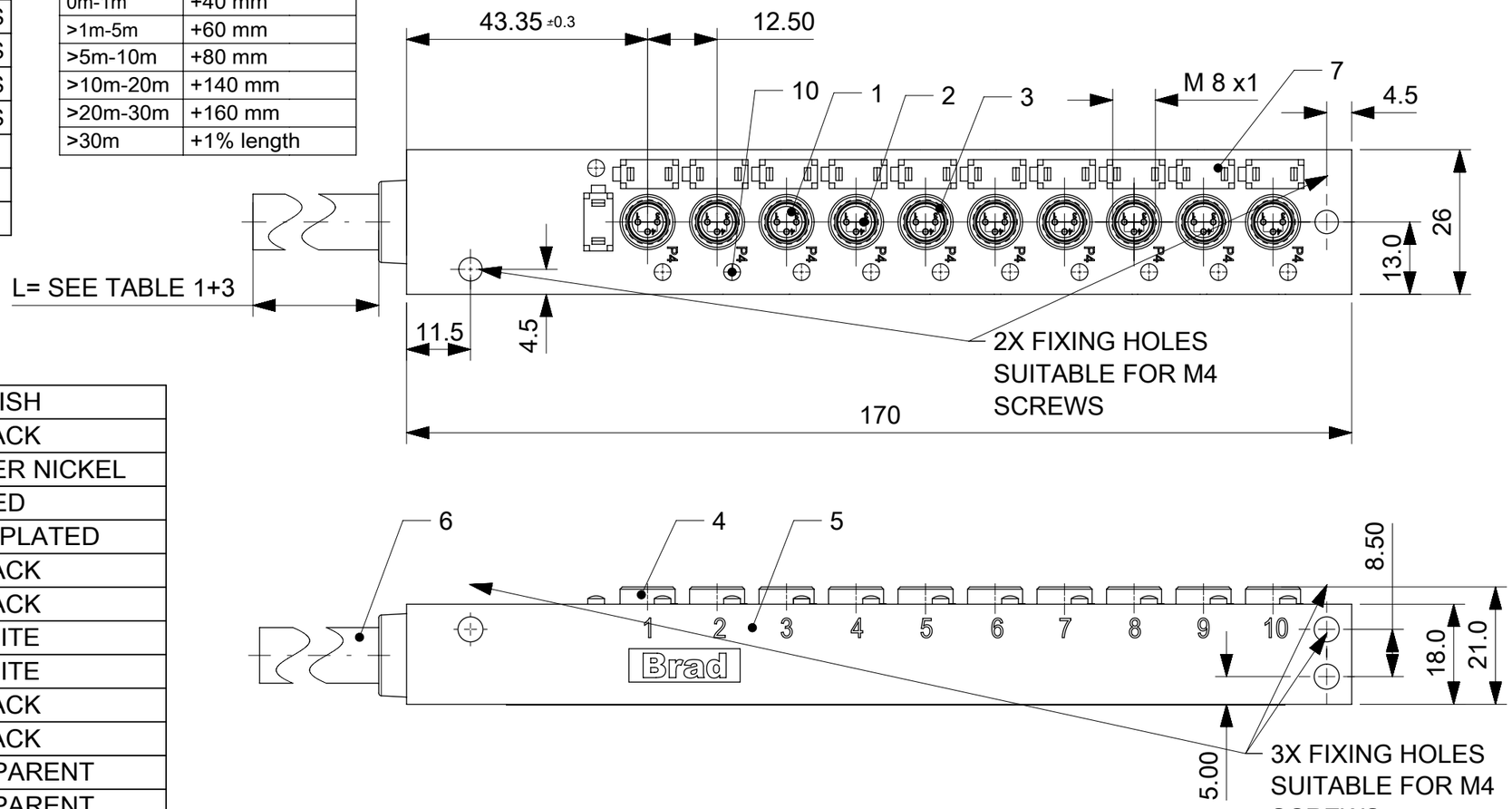
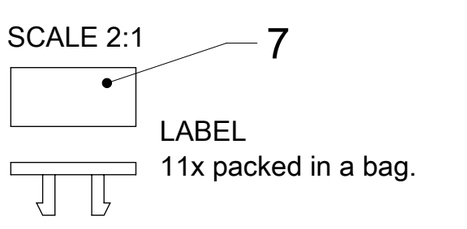
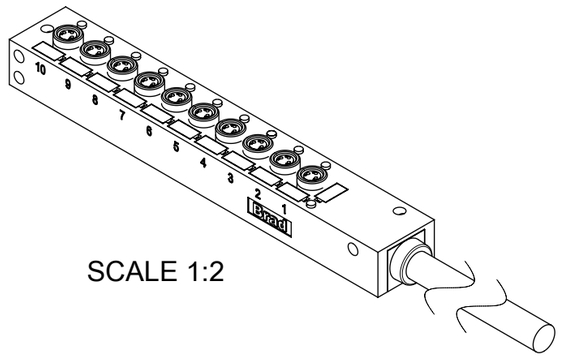
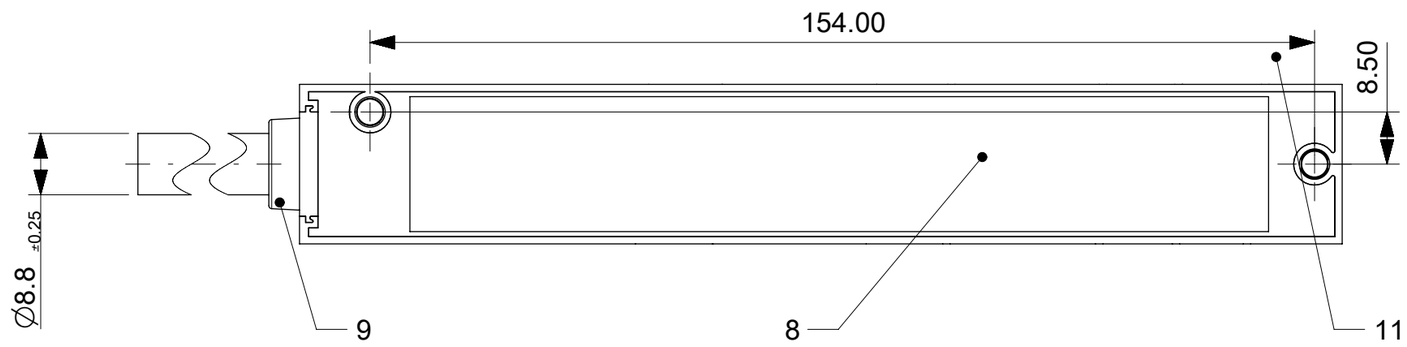


TABLE 2

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	LABLE ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
11	RESIN	EPOXY	TRANSPARENT







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 08:26:11

FORMAT: master Sheet-A3
REVISION: H
DATE: 2018/01/15

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

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

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
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

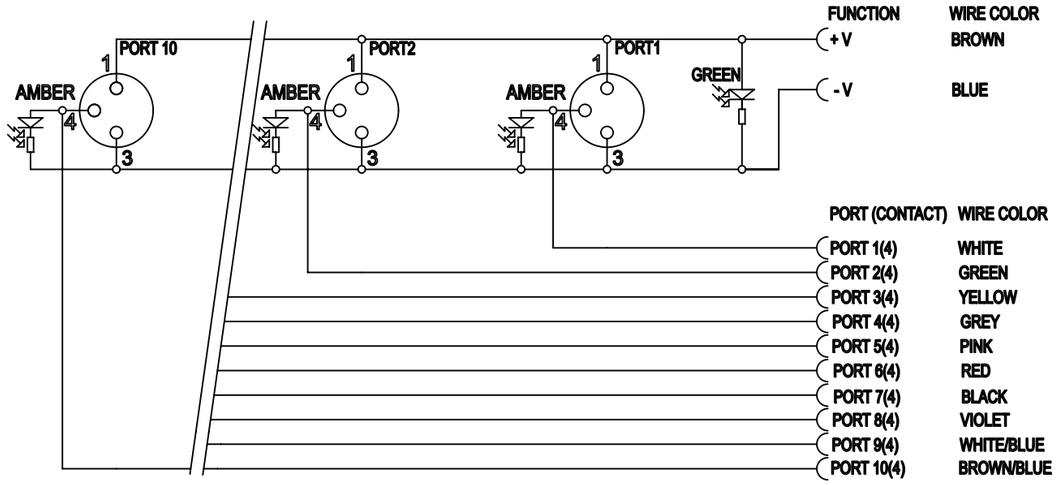
MPIS M8 PNP NPN NOS 3P 10PT BK XM SINGLE

PRODUCT CUSTOMER DRAWING

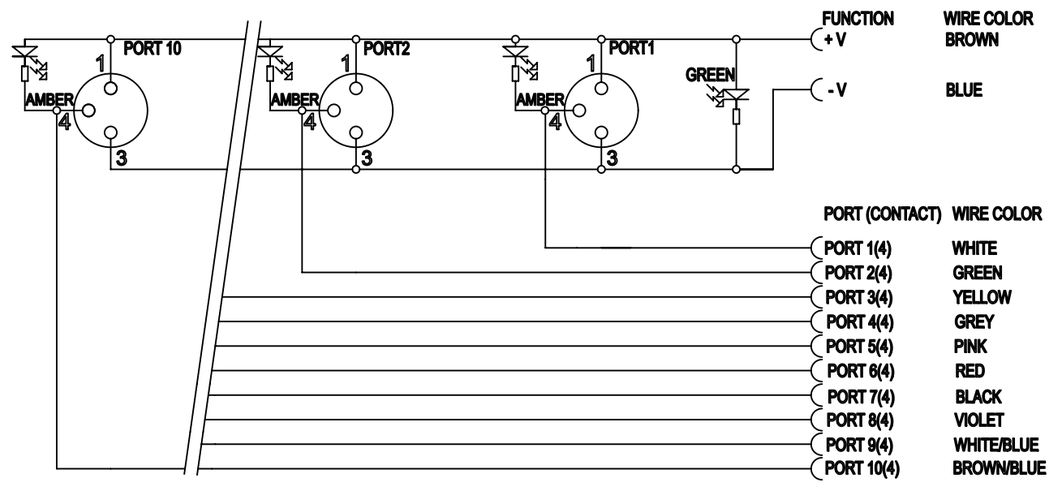
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470005	PSD	000	B1

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

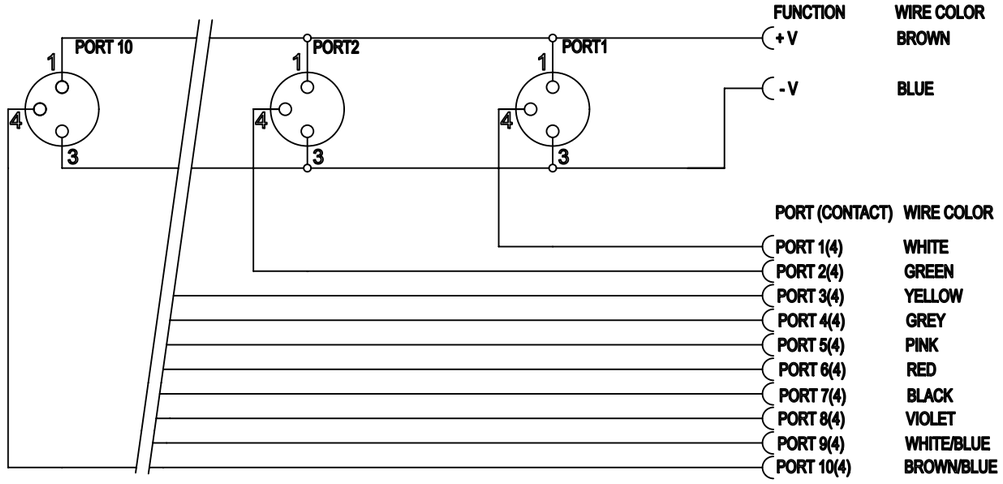
Wiring Diagram PNP Single



Wiring Diagram NPN Single



Wiring Diagram NON LED Single



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

SYMBOLS	
FV = 0	
FC = 0	
FF = 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 10PT BK XM SINGLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470005	PSD	000	B1

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/12 08:26:11

FORMAT: master_Rev_02-A3
REVISION: H
DATE: 2018/01/15