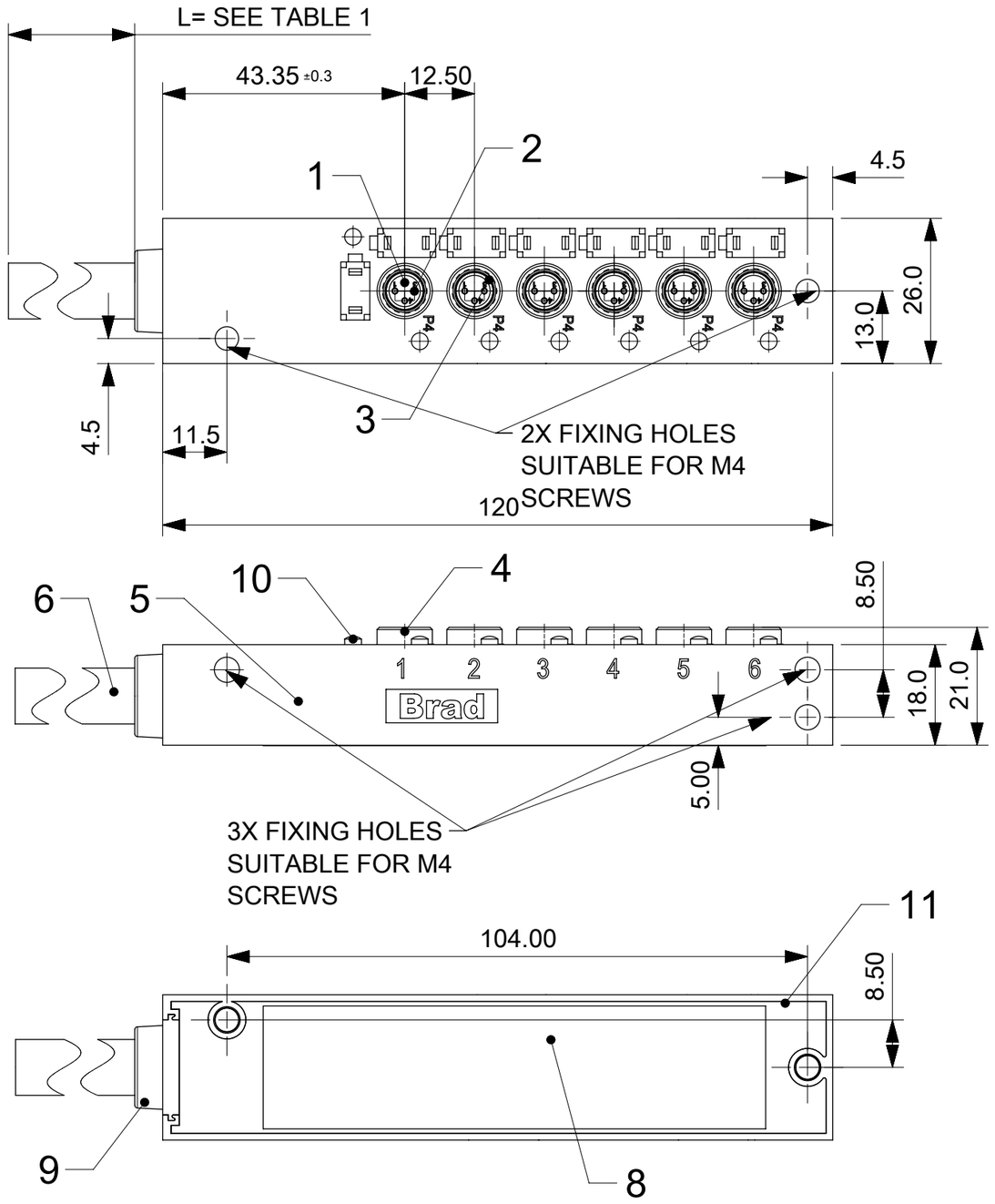
TABLE 1

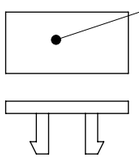
MOLEX PN	ENG. NO.	CABLE LENGHT (mm)	LED
1202470031	BEB6010-FBW-05	5000	NO
1202470032	BEB6010-FBW-10	10000	NO
1202470033	BEB6010-FBW-15	15000	NO
1202470040	BEB601P-FBW-05	5000	YES
1202470041	BEB601P-FBW-10	10000	YES
1202470042	BEB601P-FBW-15	15000	YES

TABLE 2

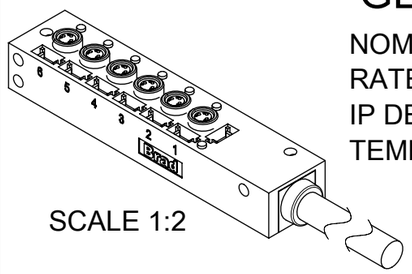
ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYESTER	BLACK
2	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
5	HOUSING	PBT	BLACK
6	CABLE	TPU	BLACK
7	LABEL	ABS	WHITE
8	LABEL ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA	BLACK
		WITH LED = PA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



SCALE 2:1



LABEL
7x 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 67
TEMPERATURE RANGE: -25°C to + 85°C

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

FUNCTIONAL SYMBOLS: F/A = 0; F/C = 0; F/P = 0
DIVISIONAL SYMBOLS

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

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

CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE

EC NO: 699789
DRWN: MDHARMANTI 2022/03/11
CHK'D: RSILLER 2022/03/17
APPR: RSILLER 2022/03/17

INITIAL REVISION:
DRWN: ULETTENMEIER 2015/06/15
APPR: RSILLER 2015/07/03

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

molex

MPIS M8 PNP NOS 3P 6PT AC FE STR BK 5M SINGLE

PRODUCT CUSTOMER DRAWING

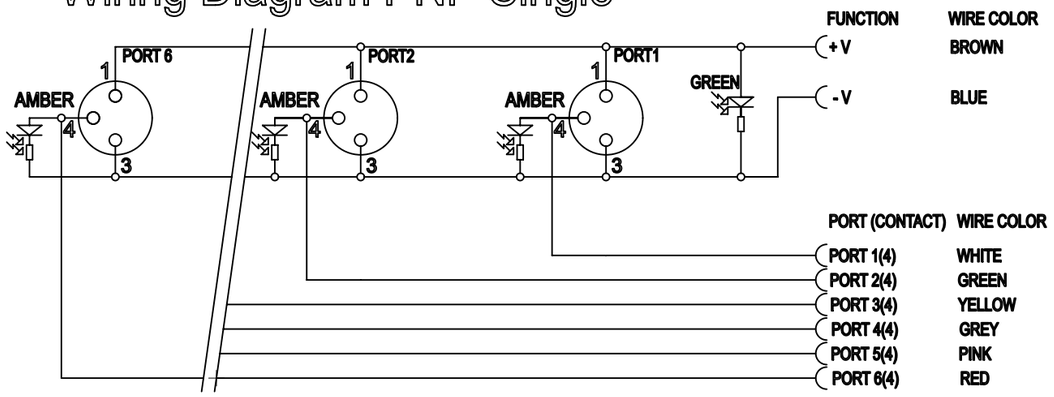
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470031	PSD	000	B1

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

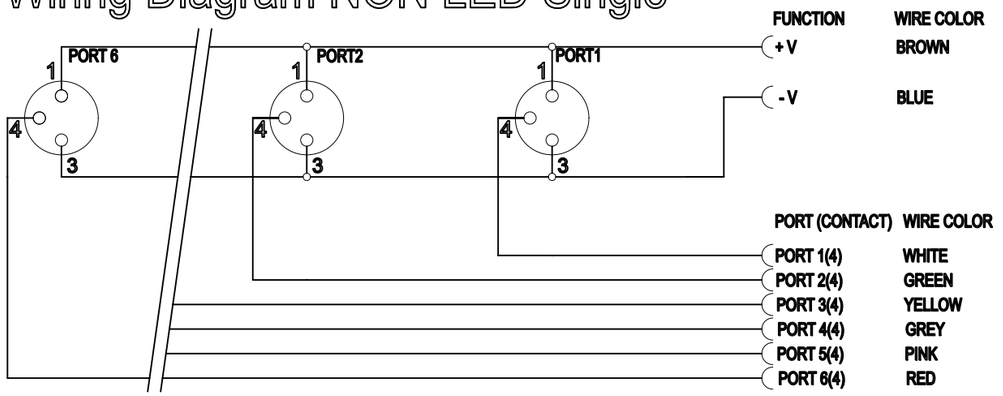
DOCUMENT STATUS	P1	RELEASE DATE	2022/03/17 07:03:23

FORMAT: master_B-mod-A3
REVISION: J1
DATE: 2021/05/07

Wiring Diagram PNP Single



Wiring Diagram NON LED Single



DOCUMENT STATUS	P1	RELEASE DATE	2022/03/17 07:03:23

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

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: ADDED CABLE TOLERANCE TABLE

EC NO: 699789
DRWN: MDHARMANTI 2022/03/11
CHK'D: RSILLER 2022/03/17
APPR: RSILLER 2022/03/17

INITIAL REVISION:
DRWN: ULETTENMEIER 2015/06/15
APPR: RSILLER 2015/07/03

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	120247

molex

MPIS M8 PNP NOS 3P 6PT AC FE STR BK 5M SINGLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1202470031	PSD	000	B1

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