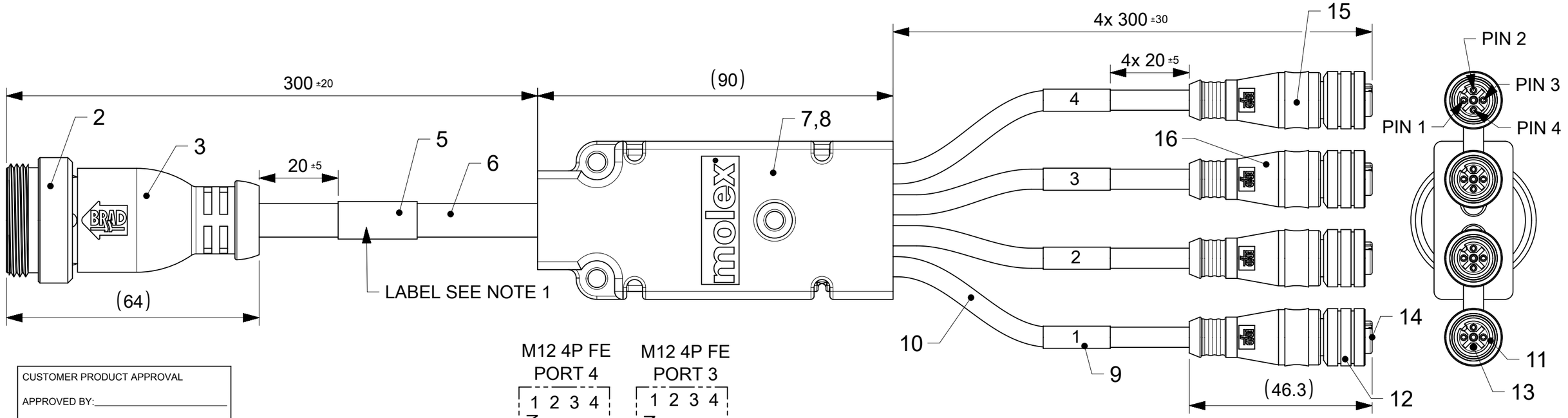
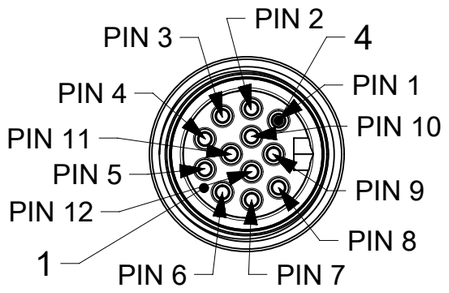


CUSTOMER PRODUCT APPROVAL

APPROVED BY:_____

DATE:_____

MUST BE SIGNED AND RETURNED BEFORE PRODUCTION WILL BEGIN



Mini Change 12P MALE

12	N/U
11	BLUE 0.75
10	BROWN 0.75
9	N/U
8	VIOLET
7	BLACK
6	RED
5	PINK
4	GREY
3	YELLOW
2	GREEN
1	WHITE

M12 4P FE PORT 4

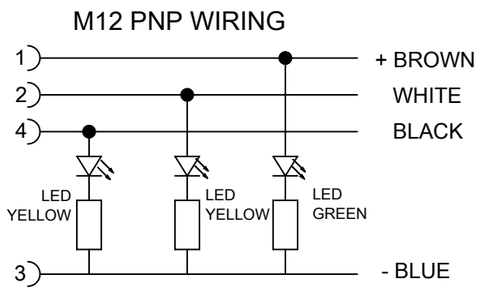
M12 4P FE PORT 3

M12 4P FE PORT 1

M12 4P FE PORT 2

BROWN WHITE BLUE BLACK

1 2 3 4



Notes:

1. Label printing:
   - MOLEX PN
   - ORDER PN
   - DATE (According to WN-00001) / DOC REVISION
   - PNP VERSION
2. Orientation between coding and splitter-box only schematic

Technical Data:
Voltage: 10-30V
Current max: 4A
Operating Temperature: -25°C / +80°C
Protection: IP67

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
16	-	MOULDING MATERIAL TRANSPARENT	TPU	-
15	4	LED PNP PCB	-	-
14	4	INSERT M12 4P FE BLACK	PUR	-
13	16	CONTACT M12 FEMALE	Brass	Gold over Nickel
12	4	NUT M12 FEMALE	Brass	Nickel
11	4	GASKET RED	FPM	-
10	-	CABLE 4x0.34mm² BLACK OD=5.1mm	TPU	-
9	4	MARKING LABEL WHITE	-	-
8	-	HOTMELT	PA	-
7	-	MOULDING MATERIAL BLACK	PUR	-
6	-	CABLE 3x19AWG+8x22AWG BLACK OD=8.5mm	TPU	-
5	1	WRAP LABEL YELLOW	Vinyl	-
4	12	CONTACT MC MALE	Brass	Gold over Nickel
3	-	MOULDING MATERIAL YELLOW	TPE	-
2	1	NUT MC MALE	Electrophoretic	-
1	1	INSERT MC 12P MALE YELLOW	TPE	-

SYMBOLS: EA = 0; EC = 0; EB = 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: mm | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 653724
DRWN: APAWLAK01 2020/12/04
CHK'D: RSILLER 2021/01/25
APPR: RSILLER 2021/01/25

INITIAL REVISION:
DRWN: APAWLAK01 2020/04/06
APPR: RSILLER 2020/08/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121095

molex

MINI SPLITTER M12 4P FE LED/12P MA IP67

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210950103	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
1210950103	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/01/25 07:58:32

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