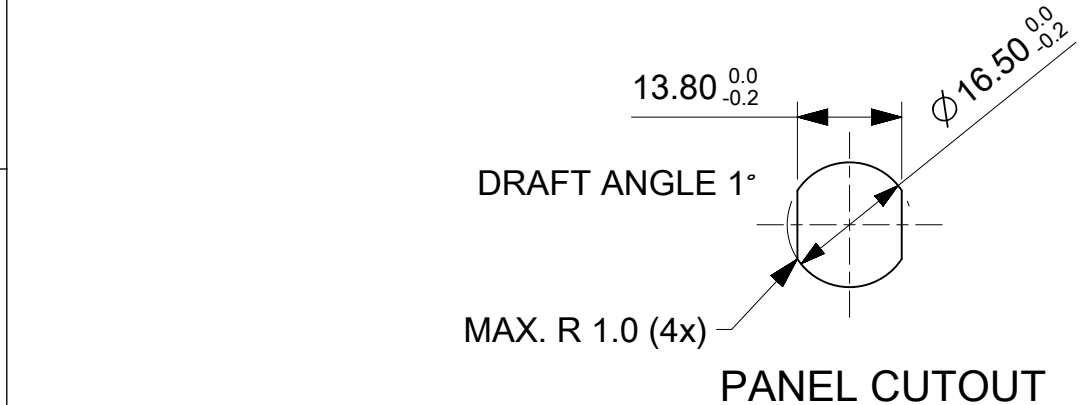
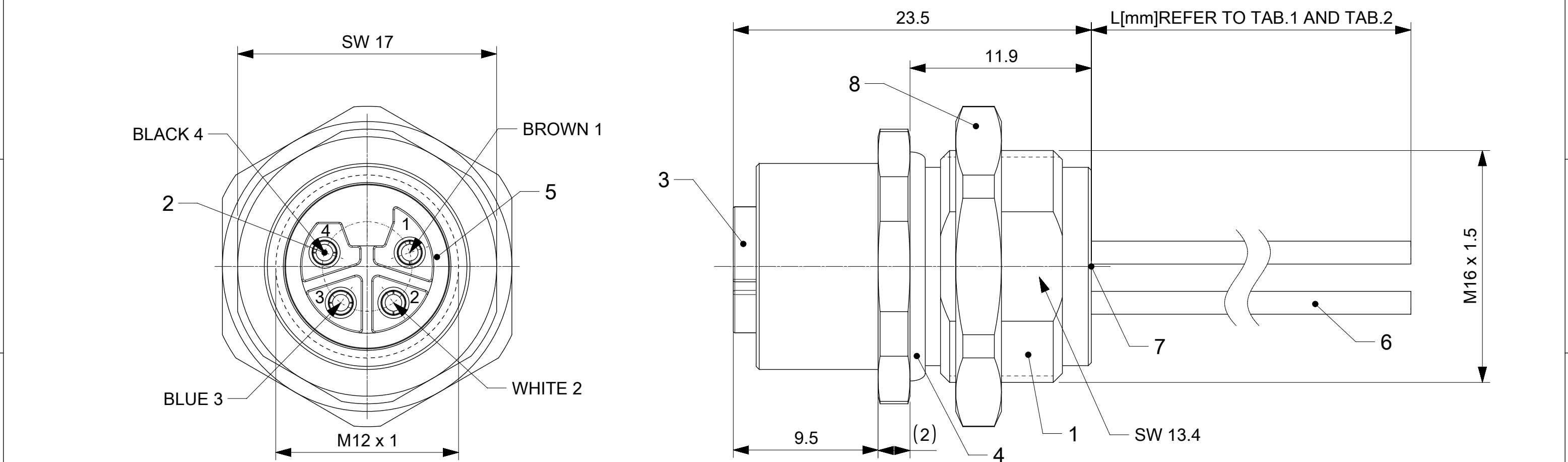




TECHNICAL DATA:

CONTACT Ø: 1.5mm
RATED VOLTAGE: 63V AC/DC
RATED CURRENT: SEE TAB.1 / TAB.2
OVERVOLTAGE CATEGORIE: 3
POLLUTION DEGREE: 3
DIELECTRIC STRENGTH: 1500V
CONTACT RESITANCE: ≤ 5mΩ
INSULATION RESISTANCE: MIN: 10⁸ Ω

IP RATING: IP67 (connected condition)
TEMPERATURE RANGE: -25°C bis +85°C

PACKAGING:
THE RECEPTACLE ARE PACKED IN PLASTIC BAGS
AND DELIVERED IN CARTON BOXES

TABLE 1: CABLE LENGTH						
NOMINAL SECTION 1,5mm²						
MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]	
1205020028	LRP4U20L15M005	REC M12 4P LC FE M16 FM 0.5M WIR 1.5	500	+40	12	
1205020029	LRP4U20L15M002	REC M12 4P LC FE M16 FM 0.2M WIR 1.5	200	+40	12	
1205020048	LRP4U20L15M010	REC M12 4P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12	
1205020049	LRP4U20L15M020	REC M12 4P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12	

TABLE 2: CABLE LENGTH						
NOMINAL SECTION 2,5mm²						
MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]	
1205020032	LRP4U20L25M005	REC M12 4P LC FE M16 FM 0.5M WIR 2.5	500	+40	16	
1205020033	LRP4U20L25M002	REC M12 4P LC FE M16 FM 0.2M WIR 2.5	200	+40	16	
1205020052	LRP4U20L25M010	REC M12 4P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16	
1205020053	LRP4U20L25M020	REC M12 4P LC FE M16 FM 2.0M WIR 2.5	2000	+60	16	

TABLE 3: BOM			
POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16FE	BRASS	Ni
2	CONTACT 15 FE	BRASS	Au
3	INSERT	PA	BLACK
4	O-RING	NBR	BLACK
5	O-RING	FPM	BLACK
6	WIRE 16AWG / 14AWG	PVC	-
7	POTTING MATERIAL	RESIN	NATURAL
8	HEX NUT	BRASS	Ni

FUNCTIONAL SYMBOLS

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

CURRENT REV DESC: UPDATED ENGINEERING KEY FOR L-CODE FEMALE RECEPTACLES FROM U24 TO U20 IN FGS'

EC NO: 788671
DRWN: VHANDI
CHK'D: RSILLER
APPR: RSILLER

2024/04/17
2024/06/07
2024/06/07

2021/07/08
2022/05/04

INITIAL REVISION:
DRWN: NFRITZEN
APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

mm

4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

moLEX

REC M12 4P LC FE M16 FM XM WIR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1205020028

PSD

000

A2

SEE TABLE

GENERAL MARKET

1 OF 1