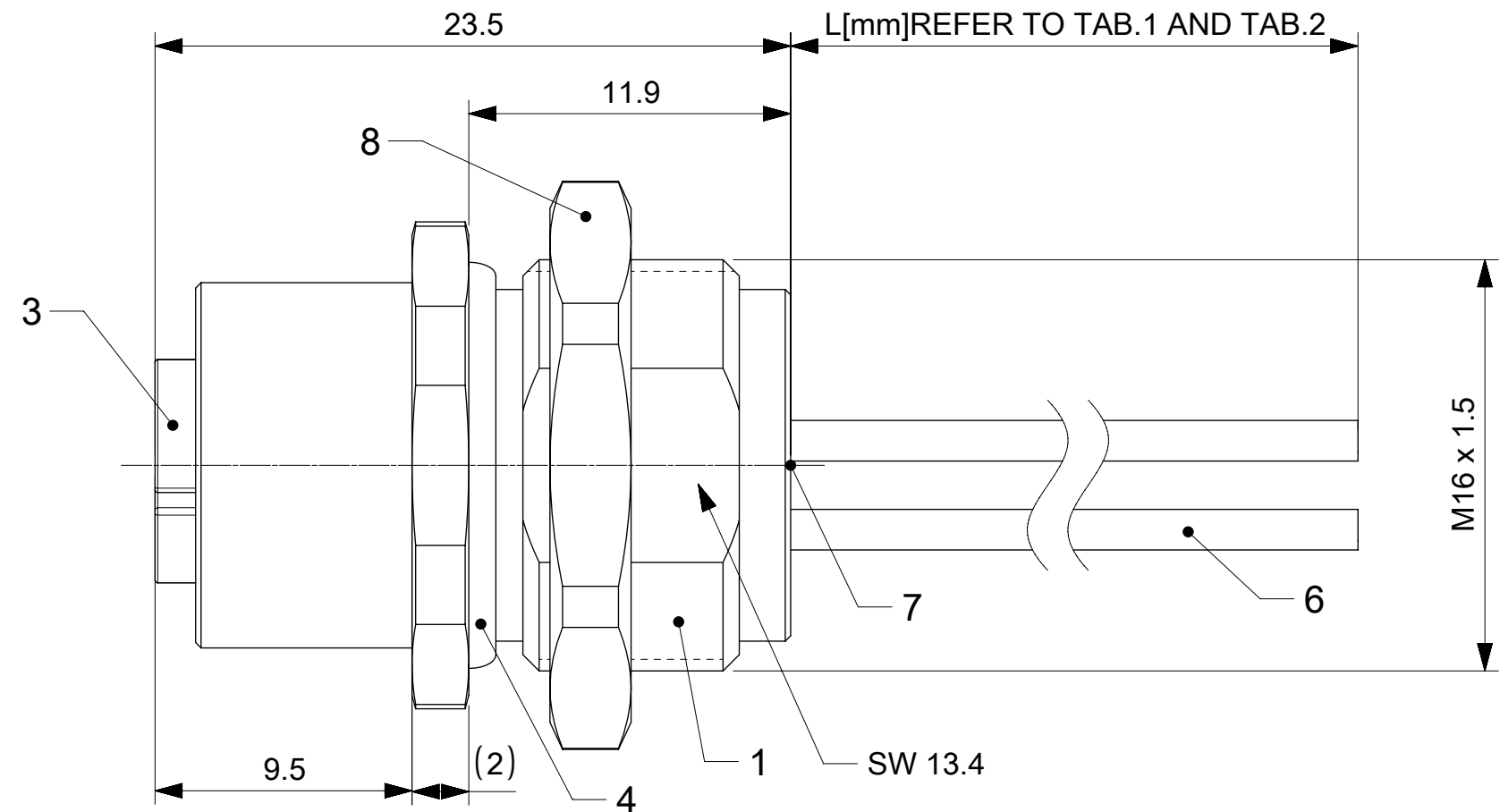
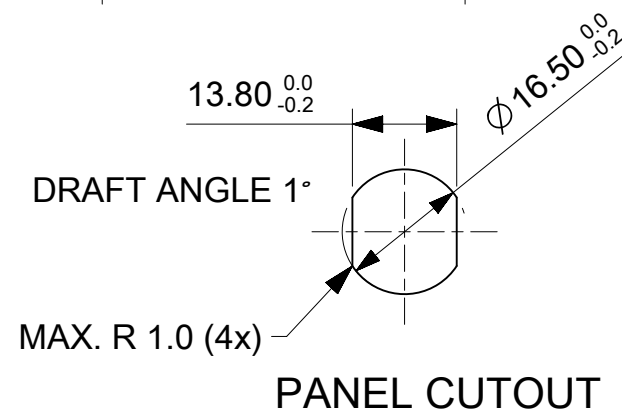
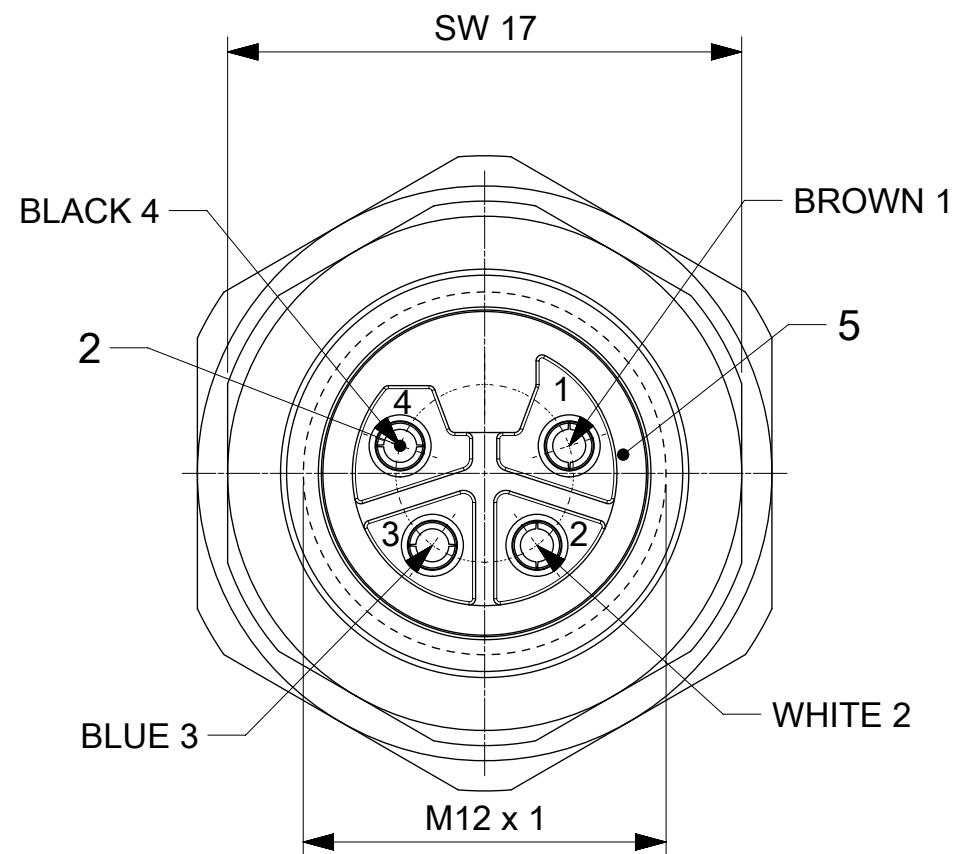




TECHNICAL DATA:

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: 10 ⁸ 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

A2

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

A2

Case	Length
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
19	1000
20	1000
21	1000
22	1000
23	1000
24	1000
25	1000
26	1000
27	1000
28	1000
29	1000
30	1000
31	1000
32	1000
33	1000
34	1000
35	1000
36	1000
37	1000
38	1000
39	1000
40	1000
41	1000
42	1000
43	1000
44	1000
45	1000
46	1000
47	1000
48	1000
49	1000
50	1000
51	1000
52	1000
53	1000
54	1000
55	1000
56	1000
57	1000
58	1000
59	1000
60	1000
61	1000
62	1000
63	1000
64	1000
65	1000
66	1000
67	1000
68	1000
69	1000
70	1000
71	1000
72	1000
73	1000
74	1000
75	1000
76	1000
77	1000
78	1000
79	1000
80	1000
81	1000
82	1000
83	1000
84	1000
85	1000
86	1000
87	1000
88	1000
89	1000
90	1000
91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

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

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											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ENGINEERING KEY FOR L-CODE FEMALE RECEPTACLES FROM U24 TO U20 IN FGS'		molex					
	mm		4:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)						REC M12 4P LC FE M16 FM XM WIR					
ANGULAR TOL ± 1.0 °												
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 788671		PRODUCT CUSTOMER DRAWING					
	3 PLACES		±		DRWN: VHANDI 2024/04/17							
	2 PLACES		± 0.05		CHK'D: RSILLER 2024/06/07							
	1 PLACE		± 0.3		APPR: RSILLER 2024/06/07							
	0 PLACES		± 0.5		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
					DRWN: NFRITZEN 2021/07/08		1205020028		PSD	000	A2	
				APPR: RSILLER 2022/05/04								
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
					A3-SIZE		120502		SEE TABLE		GENERAL MARKET	1 OF 1