

ELECTRICAL DATA:

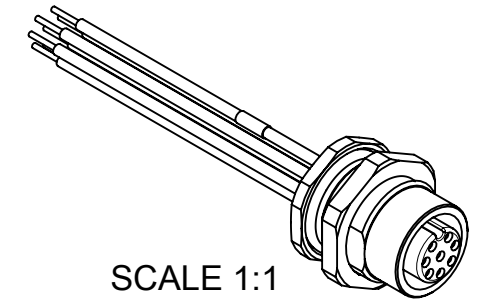
VOLTAGE RATING: 5P - 60V,
8P - 30V
AMPERAGE RATING: 5P - 4A
8P - 2A

INSULATION RESISTANCE: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100

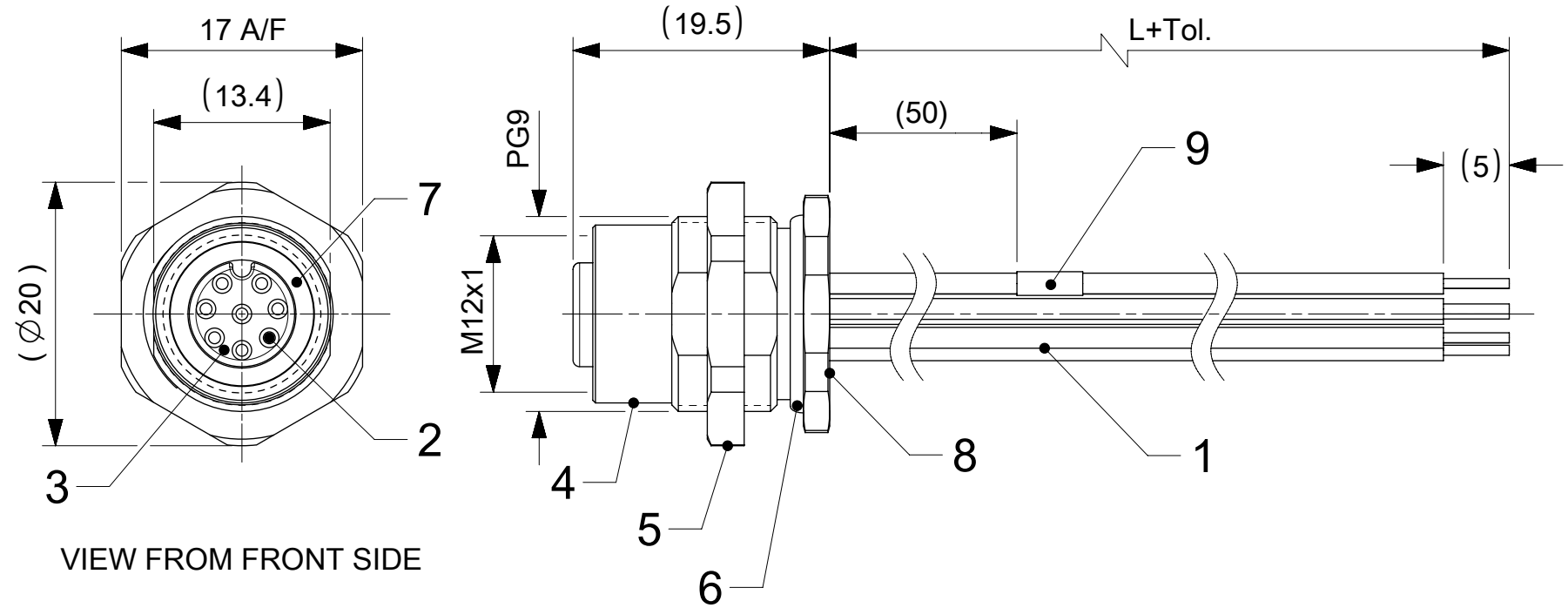
ENVIRONMENTAL:
PROTECTION: IP67
OPERATING TEMPERATURE: -25°C TO +85°C

PART NO MATRIX

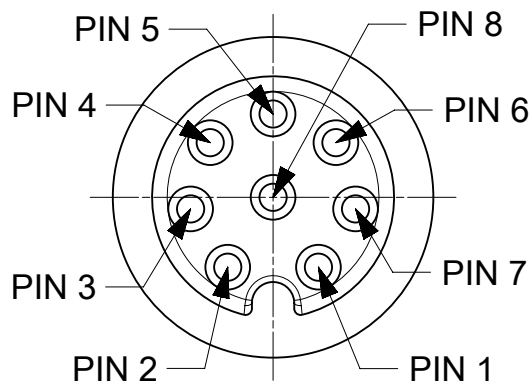
8	R	X	J	4	0	X	X	X	C	X	X	X	X
8R = MICRO RECEPTACLE		POLES: 5 = 5 POLES 8 = 8 POLES	HEADER: FEMALE CONTACT FEMALE THREAD M12 PG9 MOUNTING THREAD			CABLE TYPE E02=0.25mm PVC E03=0.34mm PVC			UNIT: C=CENTIMETER	LENGTH EXAMPLE: 300 = 30cm(300mm) 200 = 20cm(200mm) 800 = 80cm(800mm)			SHELL MATERIAL 3=BRASS BRASS-BNP



SCALE 1:1



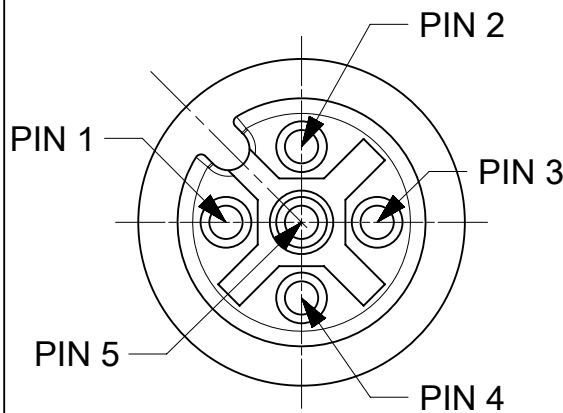
M12 FE 8P



VIEW FROM FRONT SIDE

PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED

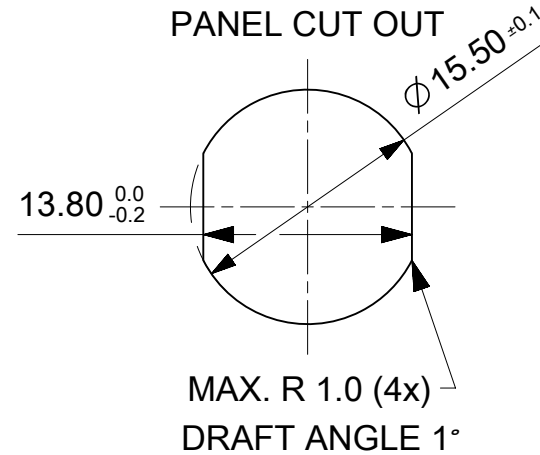
M12 FE 5P



VIEW FROM FRONT SIDE

PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

RECOMMENDED
PANEL CUT OUT



PART LIST

MOLEX P/N	ENG No.	L+Tol.(mm)
1200110349	8R8J40E02C3003	300±10
1200700233	8R5J40E03C3003	300±10
1200705009	8R8J40E02C300	300±10
1200705179	8R8J40E02C200	200±10
1200708065	8R5J40E03C1503	150±10
1200708154	8R8J40E02C5003	500±10
1200708186	8R8J40E02C800	800±10

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	WIRES	PVC	SEE INSERT VIEW
2	5/8	CONTACT FE	BRASS	GOLD OVER Ni-PLATED
3	1	INSERT M12 FE	TPU	BLACK
4	1	M12 SHELL PANEL MT	BRASS	NICKEL PLATED
5	1	LOCKNUT	BRASS	NICKEL PLATED
6	1	O-Ring	NBR	BLACK
7	1	GASKET	FPM	RED
8	-	POTTING MATERIAL	EPOXY	TRANSPARENT
9	1	LABEL	VINYL	YELLOW

FUNCTIONAL SYMBOLS SCALE 2:1 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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATED THE PANEL CUT OUT		EC NO: 800832 DRWN: MDHARMANTI CHK'D: RSILLER APPR: RSILLER		2021/11/08 2024/10/14 2024/10/14		PRODUCT CUSTOMER DRAWING	
	DOCUMENT NUMBER		1200708154		DOC TYPE		PSD		000	
	SHEET NUMBER		1 OF 2		GENERAL MARKET		A3-SIZE		120070	
	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	

