

REVISIONS					
REV	ECD	DESCRIPTION	DATE	BY	APPR
01	-	CUSTOMER DRAWING	-	-	-
02	-	ADDED IP69K RATING	4/21/2020	RO	DR

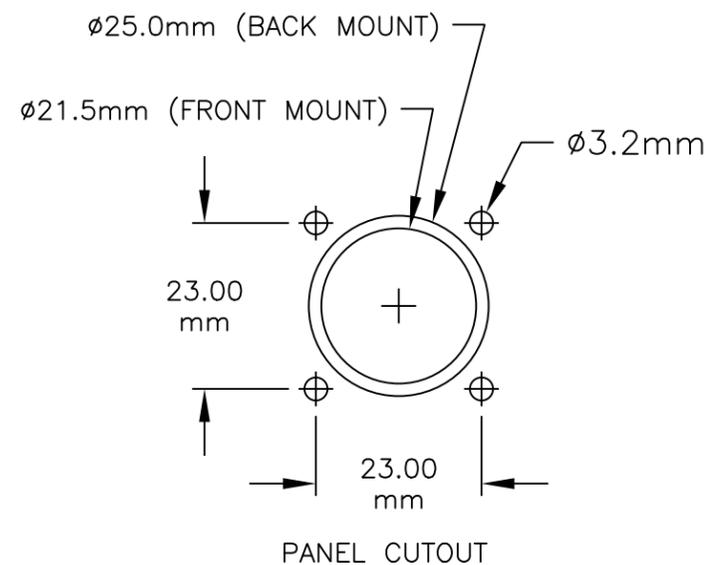
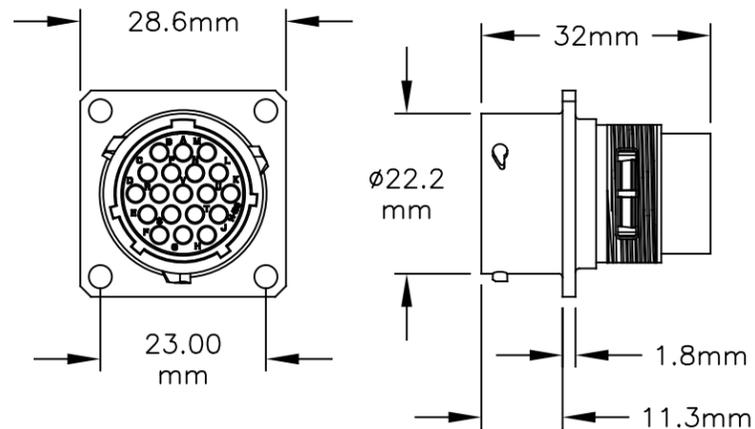
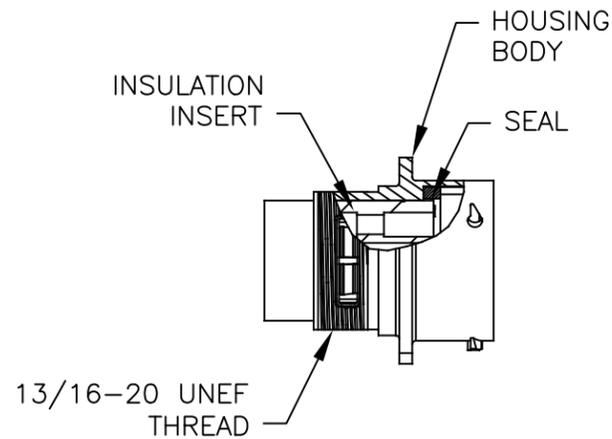
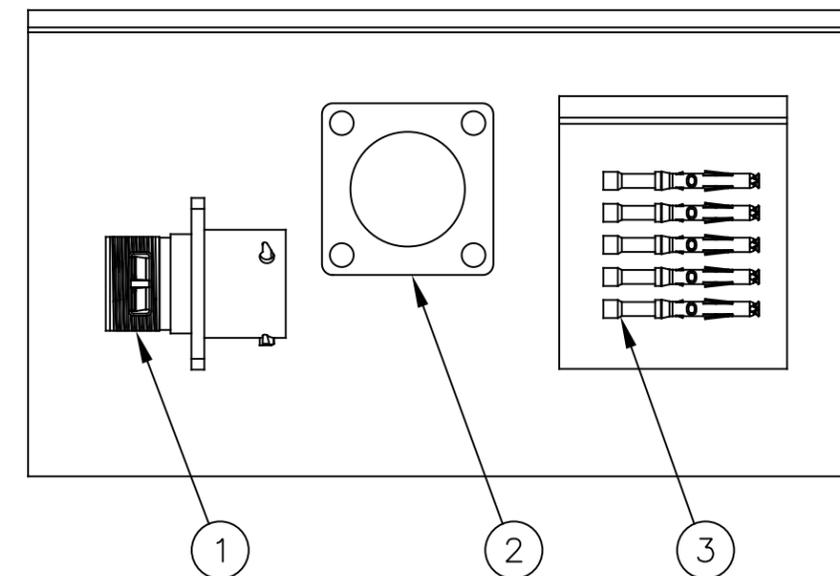


ILLUSTRATION: COMPLETE KIT



NOTES:

- 1) CONTACT BARREL RANGE: 20AWG TO 22AWG
- 2) RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: MFX-3959
PNEUMATIC CRIMPER: MFX-3960
- 3) EXTRACTION TOOL: QXRT20
- 4) MATERIALS:
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
INSULATION INSERT: PA66, UL94/V-0
CONTACT: BRASS, GOLD FLASH PLATED
SEAL: SILICONE
- 5) ELECTRICAL DATA:
a) CURRENT (MAX): 5A
b) VOLTAGE (MAX): 250VAC
c) INSULATION RESISTANCE (MIN): 5000M OHMS
d) TEST VOLTAGE (BETWEEN CONTACTS): 1500V

6) TECHNICAL DATA:

- a) TEMPERATURE RANGE: -40°C TO 105°C
- b) PROTECTION: IP67 (IP69K WHEN IN MATED CONDITION)
- c) MATING CYCLES: >500
- d) VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
- e) THERMAL SHOCK PER MIL-STD-202 METHOD 207
- f) 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

7) RoHS COMPLIANT

19	MP20W23F	CONTACT, PIN, SIZE 20	3
1	RTFD14B	GASKET	2
1	RTOW01419PKNH03	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		MRF	20AUG18
3) Note reference = \triangle X		CHECKED:	
MATERIAL SPECIFICATIONS:		ENGINEER:	
PROCESS SPECIFICATIONS:		APPROVAL:	
NEXT ASSY:		CUSTOMER:	
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SCALE: NONE	SIZE: B	TYPE: C-	DWG NO: RTOW01419PKNH03-K
			REVISION: 02
		SHEET 1 OF 1	

TITLE:

KIT, ECO-MATE RM

DWG NO:

REV: 01

SH: 1

DF: 1