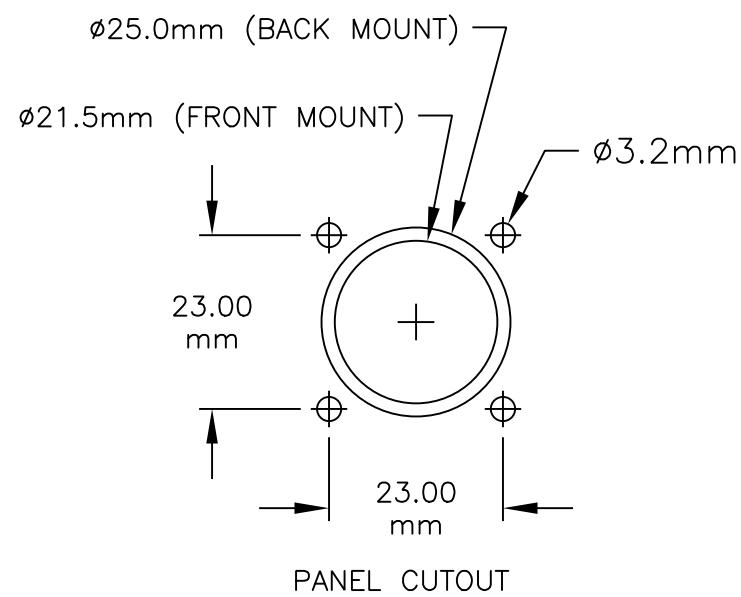
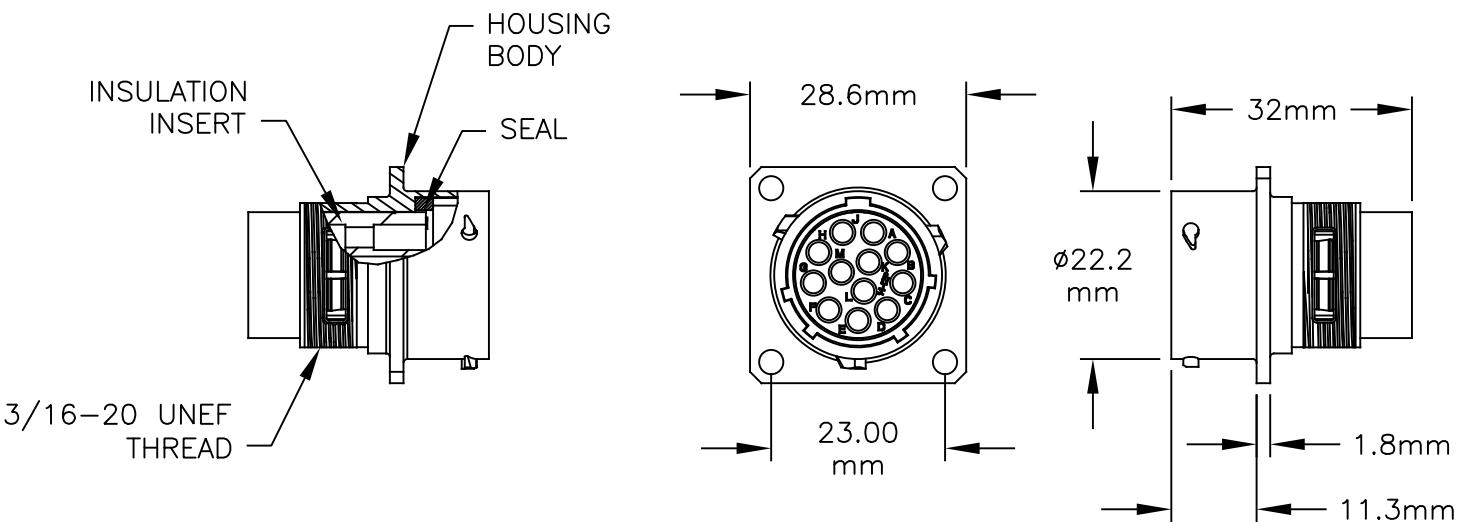


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	CUSTOMER DRAWING	-	-	-
02	-	ADDED IP69K RATING	4/21/2020	RO	DR



#### NOTES:

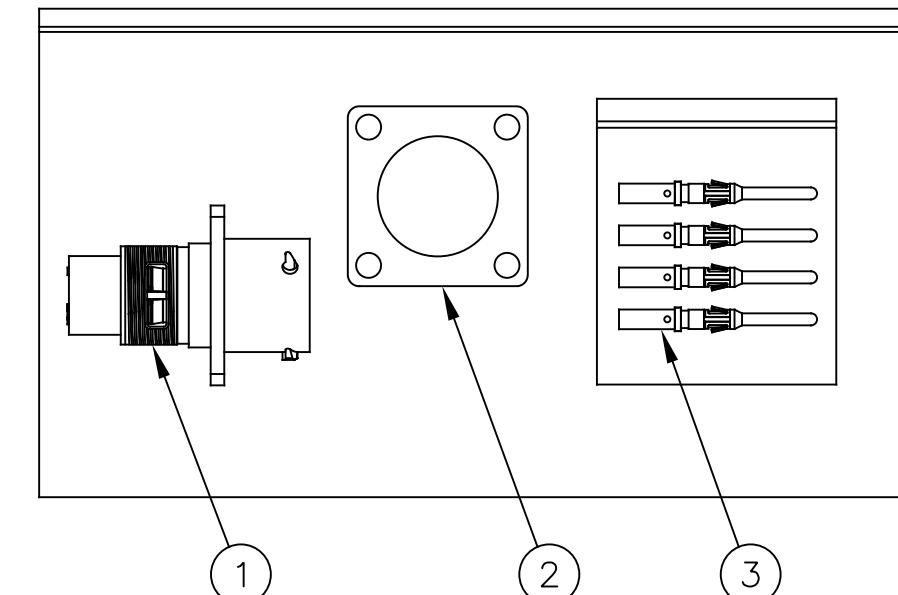
- 1) CONTACT BARREL RANGE: 16AWG TO 18AWG
- 2) RECOMMENDED CRIMP TOOLS:  
HAND CRIMPER: MFX-3959  
PNEUMATIC CRIMPER: MFX-3960
- 3) EXTRACTION TOOL: QXRT16
- 4) MATERIALS:  
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED  
INSULATION INSERT: PA66, UL94/V-0  
CONTACT: BRASS, GOLD FLASH PLATED  
SEAL: SILICONE
- 5) ELECTRICAL DATA:  
a) CURRENT (MAX): 13A  
b) VOLTAGE (MAX): 250VAC  
c) INSULATION RESISTANCE (MIN): 5000M OHMS  
d) TEST VOLTAGE (BETWEEN CONTACTS): 3050V

#### 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

#### ILLUSTRATION: COMPLETE KIT



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
12	MP16M23F	CONTACT, PIN, SIZE 16	3
1	RTFD14B	GASKET	2
1	RT001412PKNH03	CONNECTOR	1

MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30   Fractions ±1/64 2 PL DEC ±0.15   Angles ±1° 3 PL DEC ±0.08	DRAWN: MRF	20AUG18
3) Note reference =	CHECKED:	
MATERIAL SPECIFICATIONS:	ENGINEER:	
PROCESS SPECIFICATIONS:	APPROVAL:	
NEXT ASSY:	CUSTOMER:	
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SIZE	TYPE	DWG NO:
B	C-	RT001412PKNH03-K
REVISION		02
SCALE: NONE		SHEET 1 OF 1

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