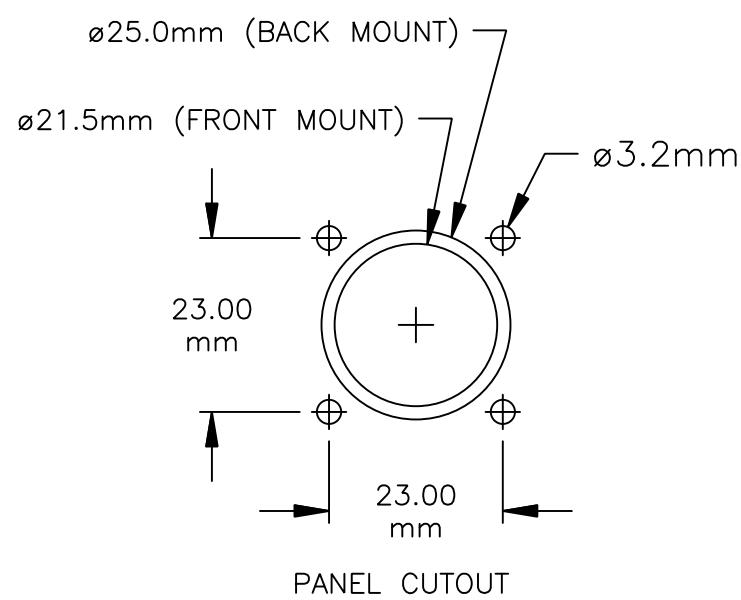
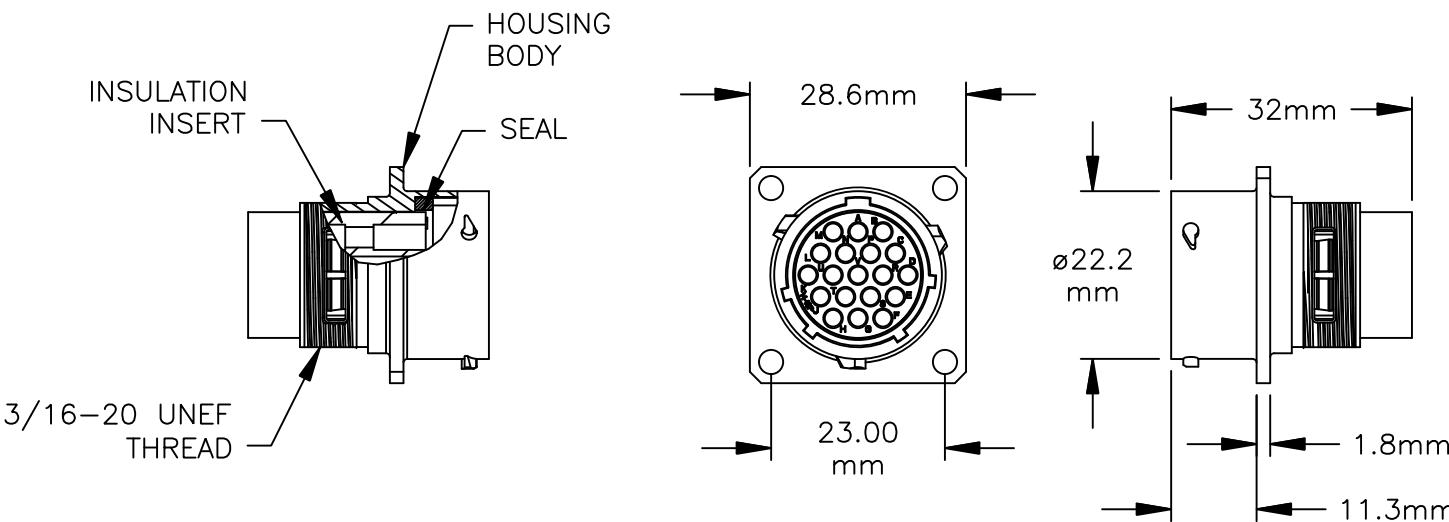


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	CUSTOMER DRAWING	-	-	-



NOTES:

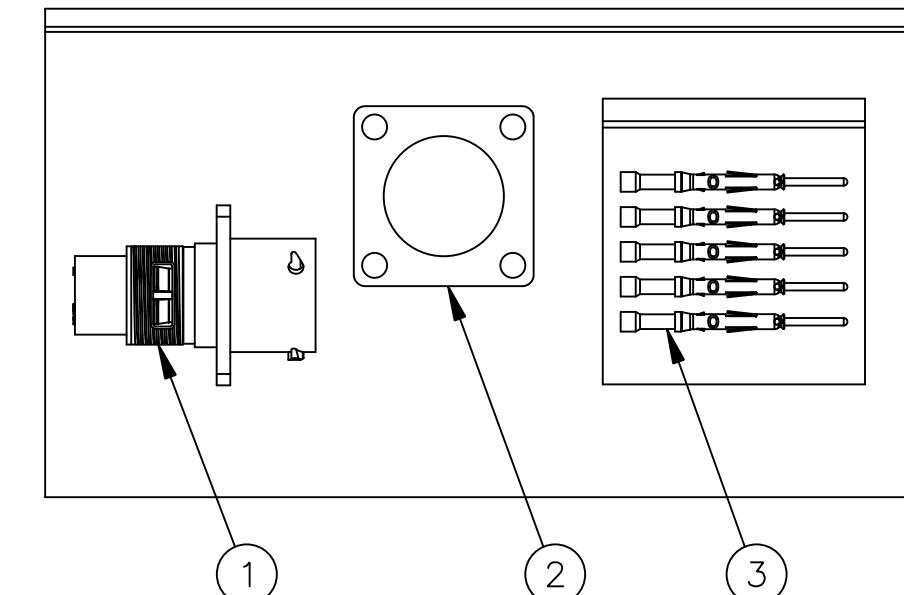
- 1) CONTACT BARREL RANGE: 20AWG TO 22AWG
- 2) RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: MFX-3959
PNEUMATIC CRIMPER: MFX-3960
- 3) EXTRACTION TOOL: QXRT20
- 4) MATERIALS:
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
INSULATION INSERT: PA66, UL94/V-0
CONTACT: BRASS, GOLD FLASH PLATED
SEAL: NBR (NITRILE BUTADIENE RUBBER)
- 5) ELECTRICAL DATA:
a) CURRENT (MAX): 7.5A
b) VOLTAGE (MAX): 150V AC/DC
c) INSULATION RESISTANCE (MIN): 5000M OHMS
d) TEST VOLTAGE (BETWEEN CONTACTS): 1500V

6) TECHNICAL DATA:

- TEMPERATURE RANGE: -40°C TO 105°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >500
- VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
- THERMAL SHOCK PER MIL-STD-202 METHOD 207
- 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

7) RoHS COMPLIANT

ILLUSTRATION: COMPLETE KIT



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
19	MP20W23F	CONTACT, PIN, SIZE 20	3
1	RTFD14B	GASKET	2
1	RTOW01419PNH	CONNECTOR	1

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ± 0.30 | Fractions $\pm 1/64$
2 PL DEC ± 0.15 | Angles $\pm 1^\circ$
3 PL DEC ± 0.08

3) Note reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES

DRAWN: MRF DATE: 10SEP13

CHECKED: _____

ENGINEER: _____

APPROVAL: _____

CUSTOMER: _____

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SCALE: NONE

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

KIT, ECO-MATE

SIZE: B

TYPE: C-

DWG NO: RTOW01419PNH-K

REVISION: 01

Mouser Electronics

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