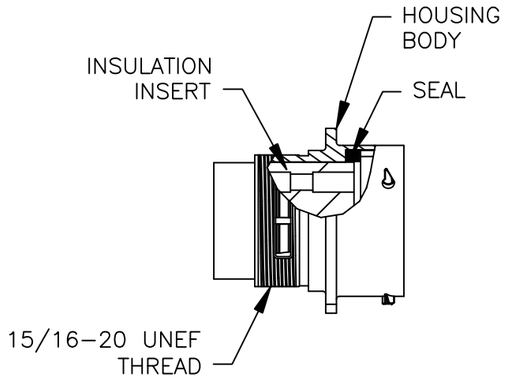
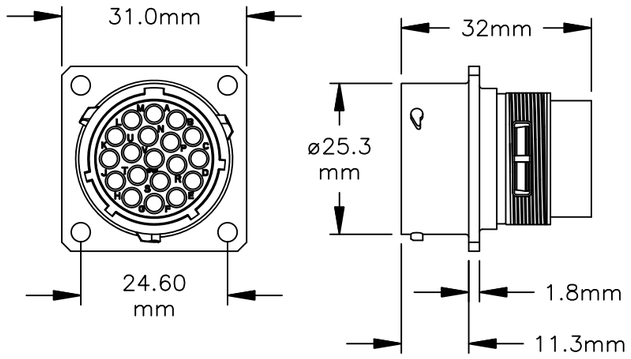
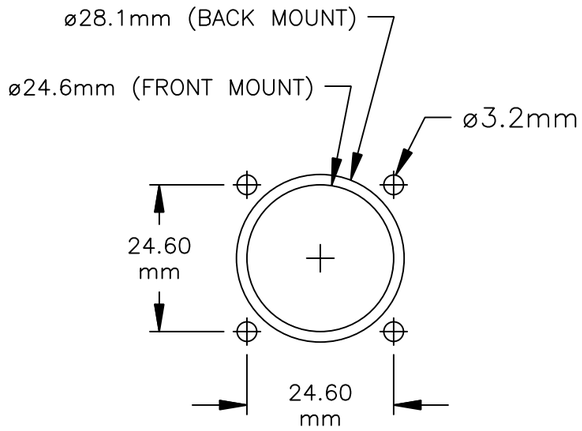
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	–	CUSTOMER DRAWING	–	–	–

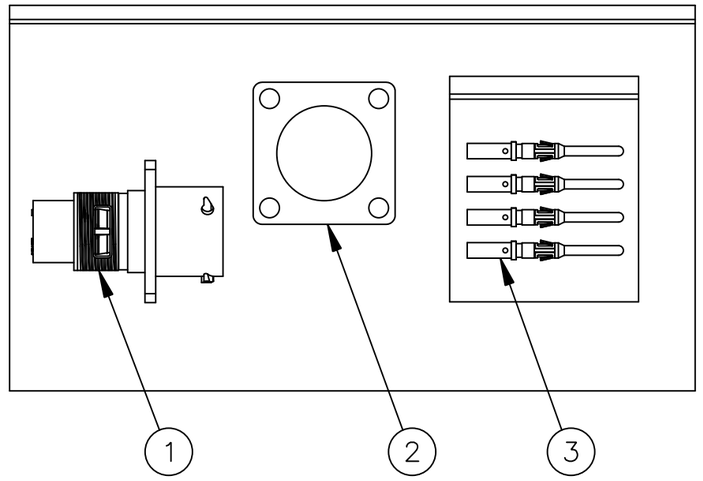






PANEL CUTOUT

ILLUSTRATION: COMPLETE KIT



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: NBR (NITRILE BUTADIENE RUBBER)
5) ELECTRICAL DATA:
   a) CURRENT (MAX): 13A
   b) VOLTAGE (MAX): 250V AC/DC
   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 (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

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
19	MP16M23F	CONTACT, PIN, SIZE 16	3
1	RTFD16B	GASKET	2
1	RT001619PNH	CONNECTOR	1

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
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
Fractions ±1/64
Angles ±1°
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	MRF	10SEP13
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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

KIT, ECO-MATE

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT001619PNH-K	01

SCALE: NONE SHEET 1 OF 1

TITLE: KIT, ECO-MATE
DWG NO:
REV: 01
SH: 1
OF: 1