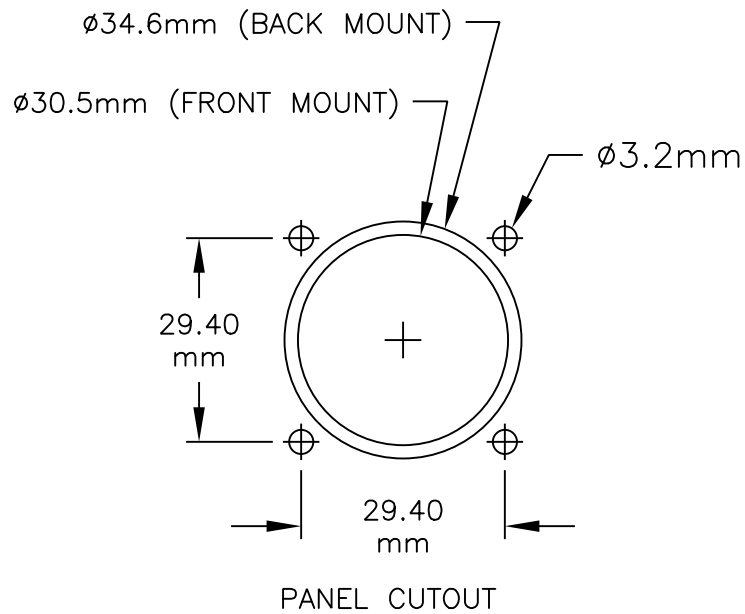
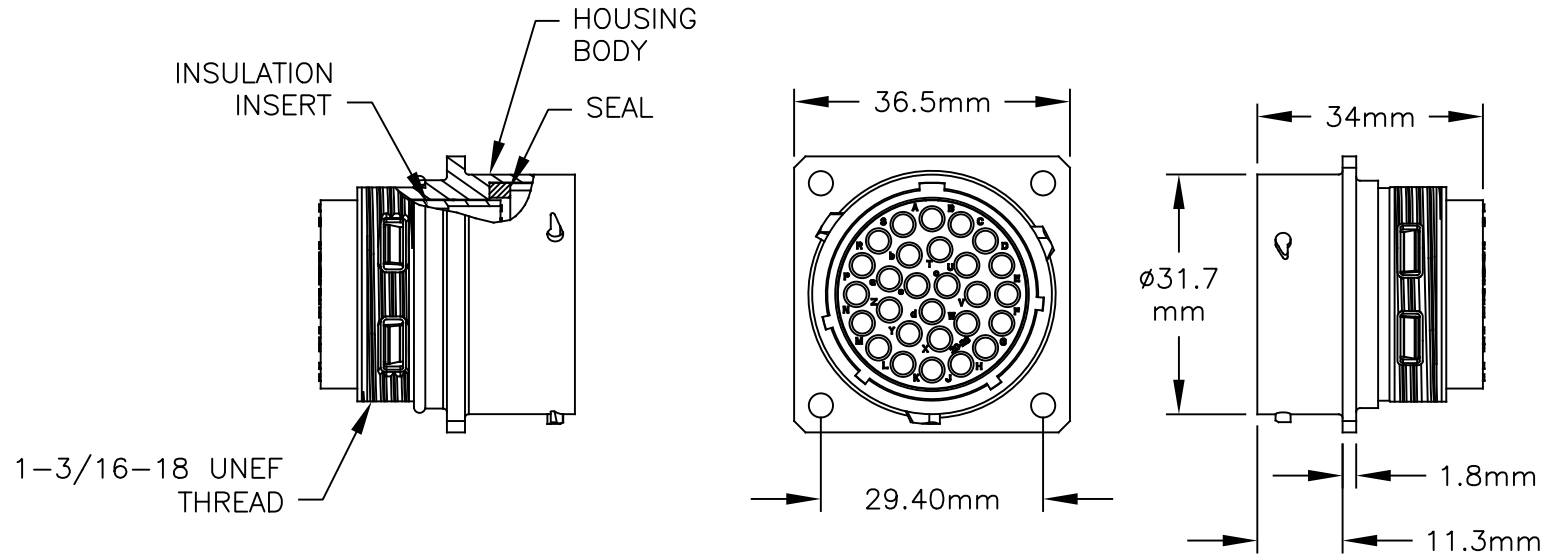


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	—	CUSTOMER DRAWING	—	—	—
02	—	ADDED IP69K RATING	4/21/2020	RO	DR



NOTES:

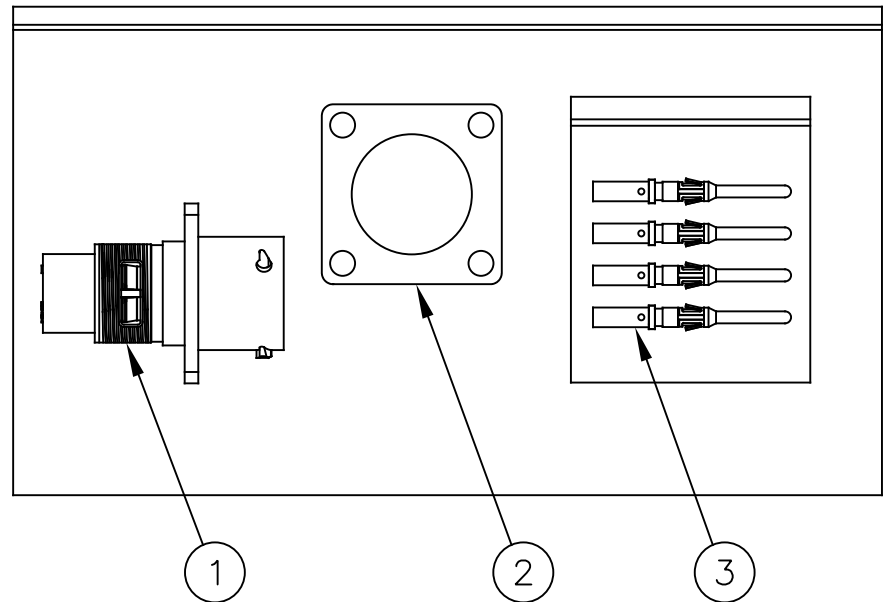
- CONTACT BARREL RANGE: 16AWG TO 18AWG
- RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: MFX-3959
PNEUMATIC CRIMPER: MFX-3960
- EXTRACTION TOOL: QXRT16
- MATERIALS:
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
INSULATION INSERT: PA66, UL94/V-0
CONTACT: BRASS, GOLD FLASH PLATED
SEAL: SILICONE
- ELECTRICAL DATA: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

6) TECHNICAL DATA:

- TEMPERATURE RANGE: -40°C TO 105°C
- PROTECTION: IP67 (IP69K WHEN IN 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



28	MP16M23F	CONTACT, PIN, SIZE 16	3
1	RTFD20B	GASKET	2
1	RT002028PKNH03	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

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 3) Note reference =		SIGNATURES DRAWN: MRF CHECKED: ENGINEER: APPROVAL:	DATE 21AUG18	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		CUSTOMER:		KIT, ECO-MATE RM	
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		SIZE B	TYPE C-
NEXT ASSY:		DWG NO: RT002028PKNH03-K		REVISION 02	
		SCALE: NONE		SHEET 1	OF 1

TITLE:

KIT, ECO-MATE RM

DWG NO:

REV: 01

SH: 1

DF: 1