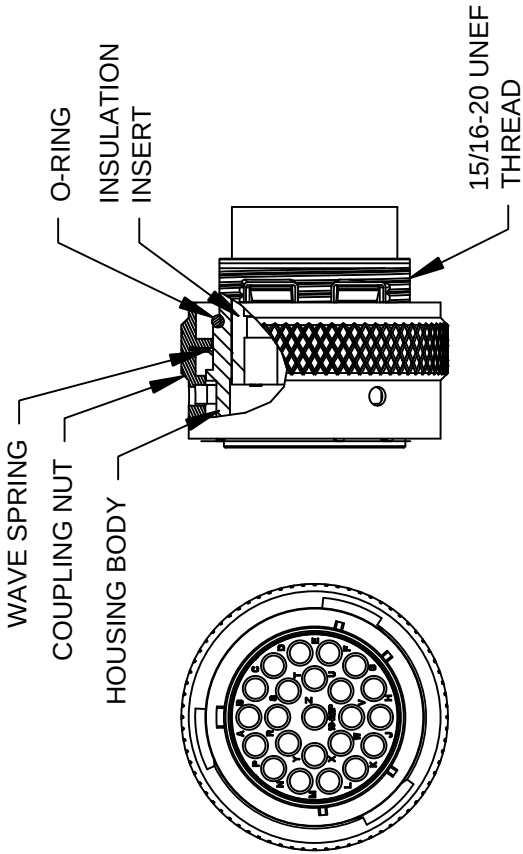
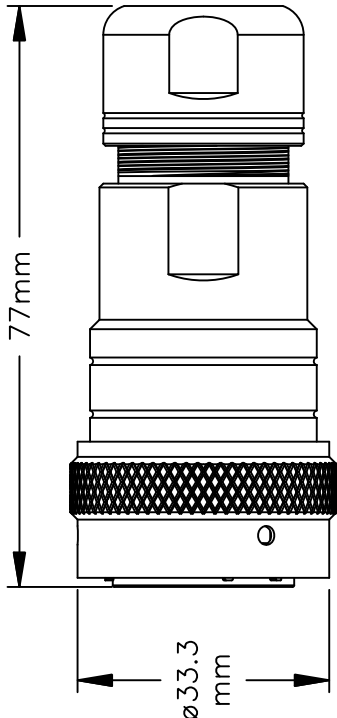
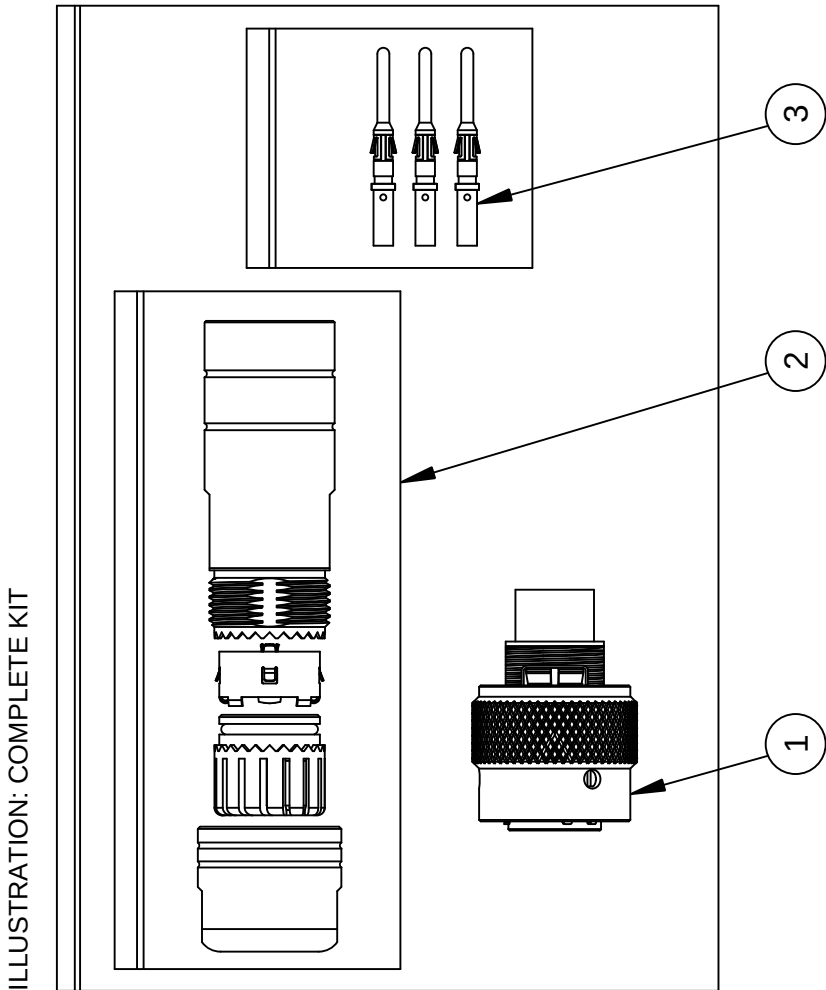


REVISIONS				
REV	ECD	DESCRIPTION	DATE	BY APPR
01	-	RELEASE NEW DWG FORMAT	-	-

TITLE:	KIT, ECO-MATE	DWG NO:	REV: 01	SH: 1	DF: 1
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23	MP16M23F	CONTACT, PIN, SIZE 16	3
1	RT0L-18CG-S1	CORD GRIP	2
1	RT061823PNH	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:		10SEP13
2) Tolerances are as follows:		MRF		
1 PL DEC ±.30		CHECKED:		
2 PL DEC ±.15		ENGINEER:		
3 PL DEC ±.08		APPROVAL:		
3) Note reference = 		CUSTOMER:		
MATERIAL 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 ARE GRANTED BY THIS DRAWING. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.				
PROCESS SPECIFICATIONS:		SCALE: NONE		
NEXT ASSY:		TYPE B		
		DWG NO. RT061823PNH-K		
		REVISION 01		
		SHEET 1 OF 1		



NOTES:

- 1) CORD GRIP RANGE: 3mm TO 6.5mm
- 2) CONTACT BARREL RANGE: 16AWG TO 18AWG
- 3) RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: MFX-3959
PNEUMATIC CRIMPER: MFX-3960

- 4) EXTRACTION TOOL: QXRT16
- 5) MATERIALS:
- HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
 - COUPLING NUT: ALUMINUM ALLOY, NICKEL PLATED
 - WAVE SPRING: STAINLESS STEEL
 - INSULATION INSERT: PA66, UL94/V-0
 - CONTACT: BRASS, GOLD FLASH PLATED
 - SEAL AND O-RING: NBR (NITRILE BUTADIENE RUBBER)
- 6) ELECTRICAL DATA:
- a) CURRENT (MAX): 13A
 - b) VOLTAGE (MAX): 250V AC/DC
 - c) INSULATION RESISTANCE (MIN): 5000M OHMS
 - d) TEST VOLTAGE (BETWEEN CONTACTS): 3050V

7) 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
- RoHS COMPLIANT