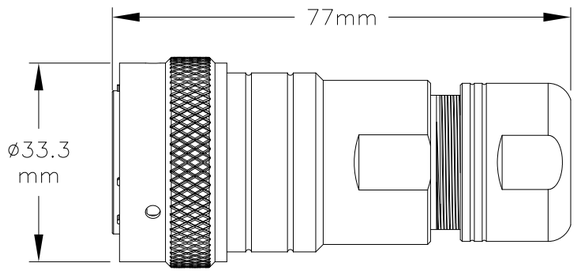
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	–	CUSTOMER DRAWING	–	–	–
02	–	CHANGED VOLTAGE FROM 150V TO 250V	19JAN22	MRF	DR
03	–	UPDATED BACK SHELL TO NEW STYLE	21MAY2025	RO	RO



ASSEMBLED VIEW

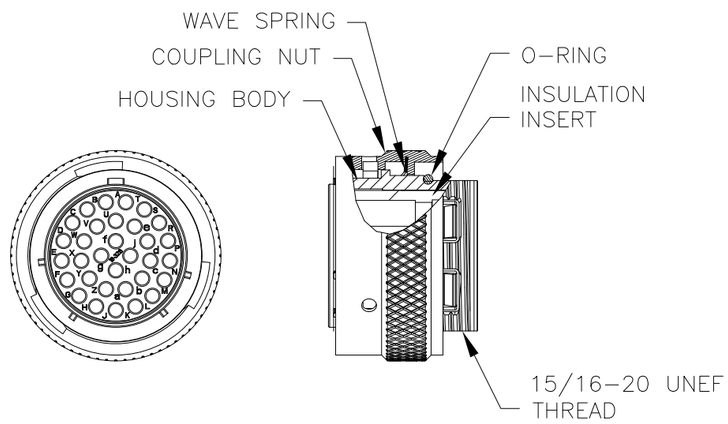
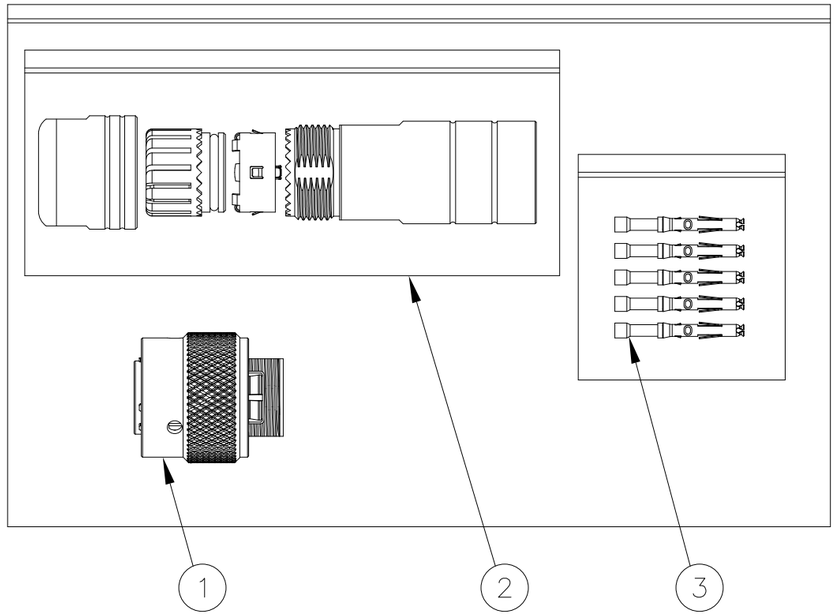


ILLUSTRATION: COMPLETE KIT



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 AND O–RING: NBR (NITRILE BUTADIENE RUBBER)
5) ELECTRICAL DATA:
   a) CURRENT (MAX): 7.5A
   b) VOLTAGE (MAX): 250V AC/DC
   c) INSULATION RESISTANCE (MIN): 5000M OHMS
   d) TEST VOLTAGE (BETWEEN CONTACTS): 1500V
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
8) RoHS COMPLIANT

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
32	MS20W23F	CONTACT, SOCKET, SIZE 20	3
1	RT0L–18CG–NS1	CORD GRIP	2
1	RT0W61832SNH	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:		

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Amphenol

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KIT, ECO-MATE

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT0W61832SNH-K	03

SCALE: NONE SHEET 1 OF 1

TITLE: KIT, ECO-MATE
DWG NO:
REV: 02
SH: 1
OF: 1