



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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

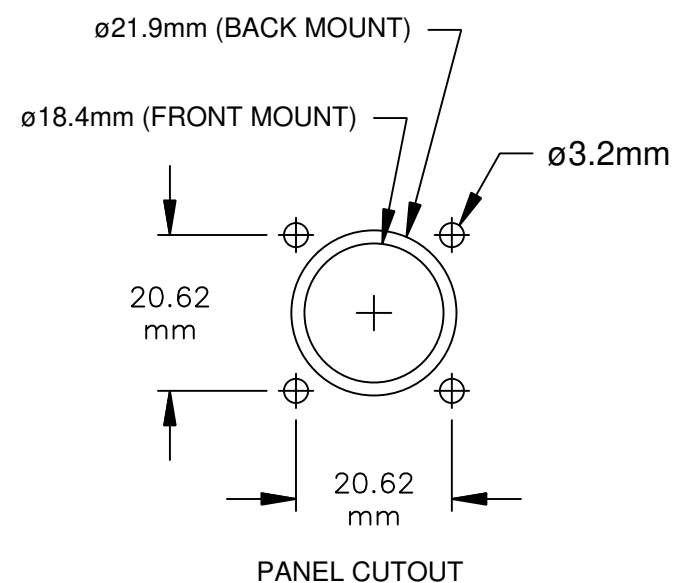
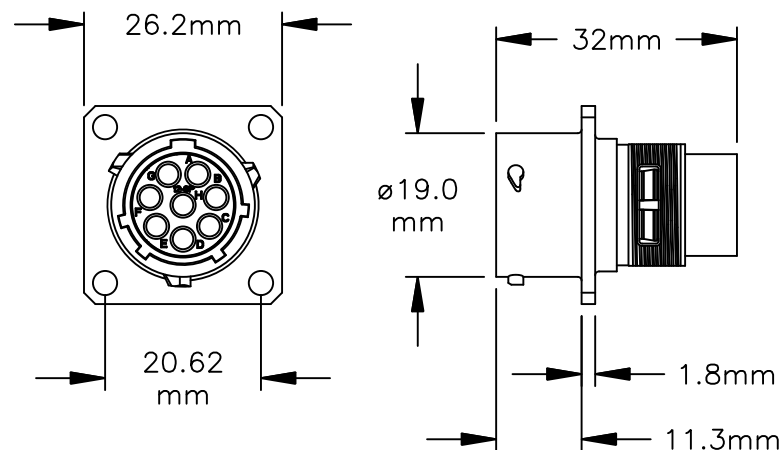
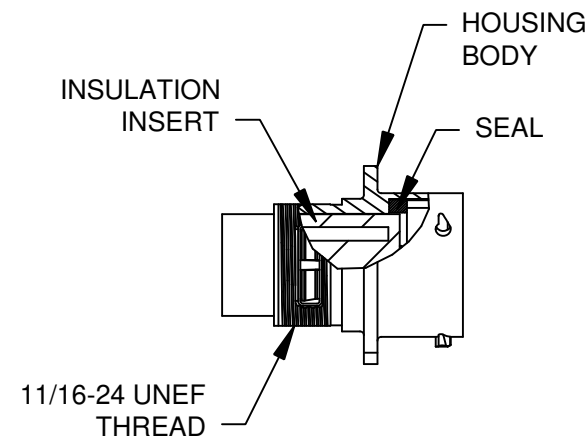
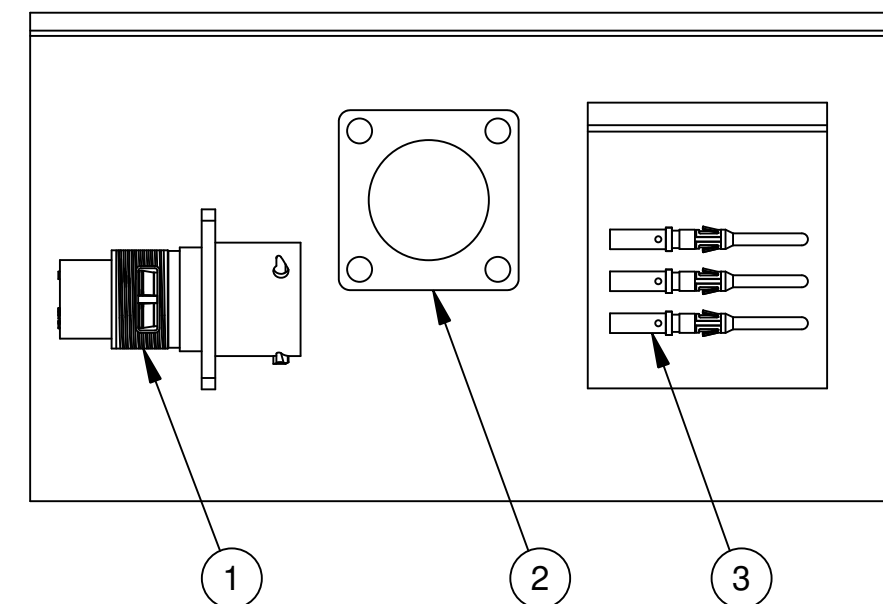


ILLUSTRATION: COMPLETE KIT



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

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

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
8	MP16M23F	CONTACT, PIN, SIZE 16	3
1	RTFD12B	GASKET	2
1	RT00128PNH	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 =		SIGNATURES DRAWN: MRF	DATE 10SEP13
MATERIAL SPECIFICATIONS:		CHECKED:	<h1>Amphenol</h1> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036  <b>KIT, ECO-MATE</b>
PROCESS SPECIFICATIONS:		ENGINEER:	
NEXT ASSY:		APPROVAL:	
CUSTOMER:		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	TYPE	DWG NO:	REVISION
B	C-	RT00128PNH-K	01
SCALE: NONE		SHEET 1 OF 1	