



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	—	CUSTOMER DRAWING	—	—	—

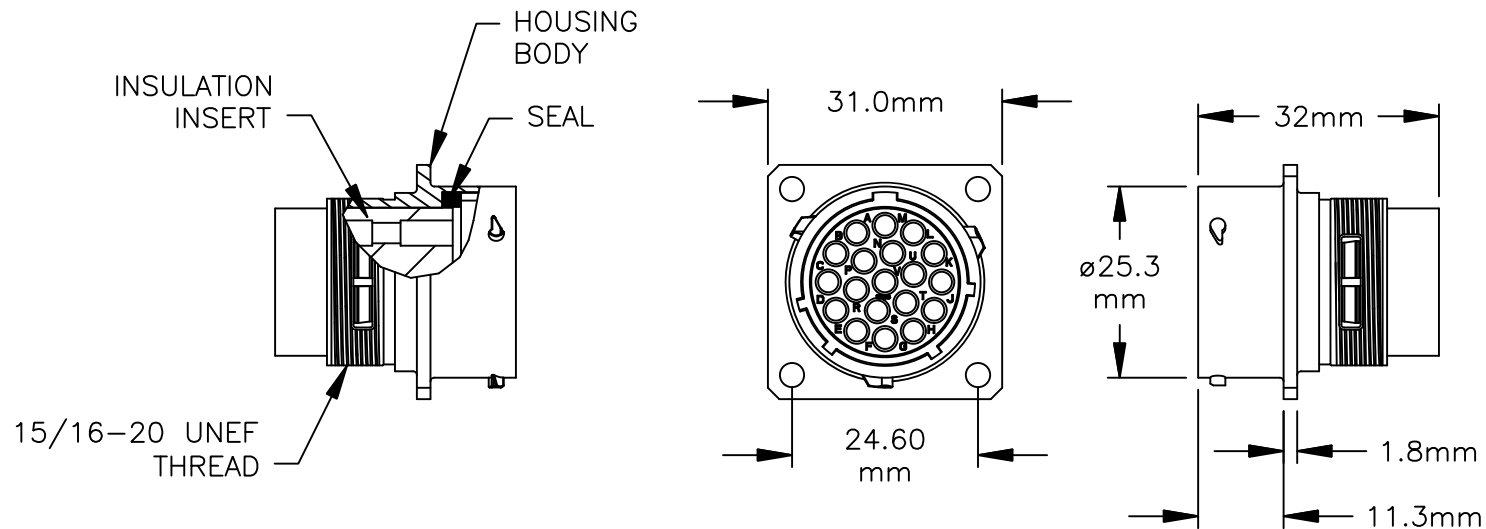
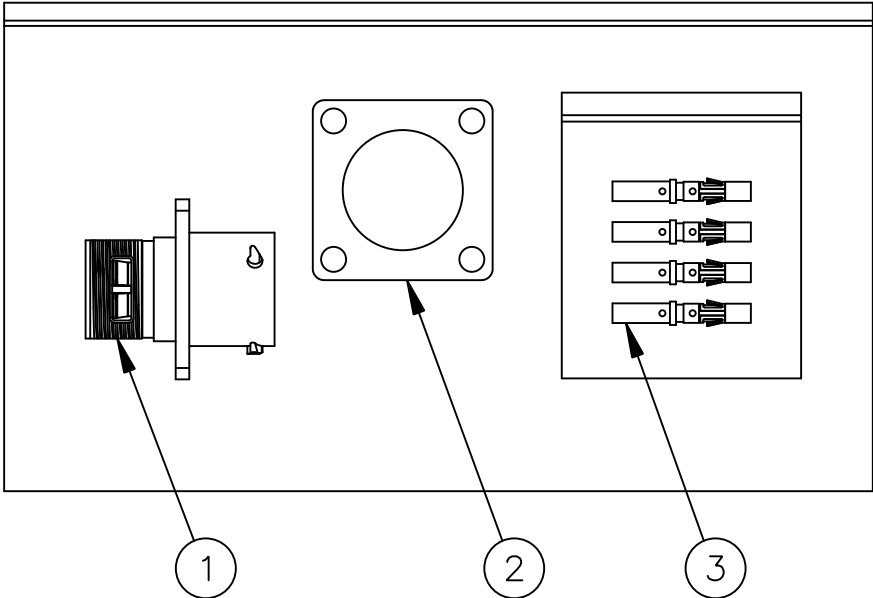


ILLUSTRATION: COMPLETE KIT



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: NBR (NITRILE BUTADIENE RUBBER)
- 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:

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

19	MS16M23F	CONTACT, SOCKET, SIZE 16	3
1	RTFD16B	GASKET	2
1	RT001619SNH	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC +0.30</div> <div>2 PL DEC +0.15</div> <div>3 PL DEC +0.08</div> <div>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = </div>		<div>SIGNATURES</div> <div>DATE</div> <div>DRAWN: MRF</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div> <div>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.</div>	<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>KIT, ECO-MATE</div>
<div>MATERIAL SPECIFICATIONS:</div>		<div>SIZE</div> <div>B</div>	<div>TYPE</div> <div>C-</div>
<div>PROCESS SPECIFICATIONS:</div>		<div>DWG NO:</div> <div>RT001619SNH-K</div>	<div>REVISION</div> <div>01</div>
<div>NEXT ASSY:</div>		<div>SCALE:</div> <div>NONE</div>	<div>SHEET</div> <div>1</div> <div>OF</div> <div>1</div>

TITLE:

KIT, ECO-MATE

DWG NO:

REV: 01

SH: 1

DF: 1