



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

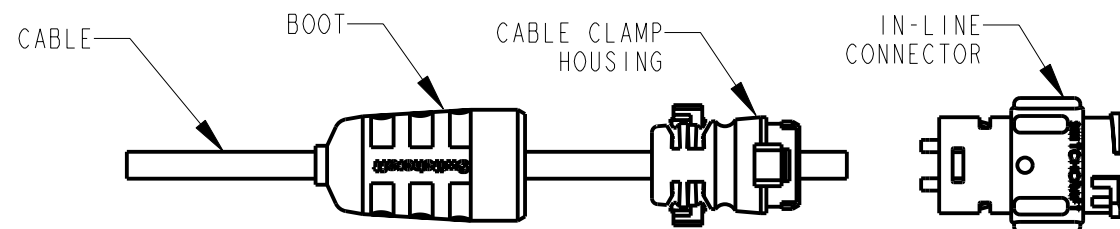
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

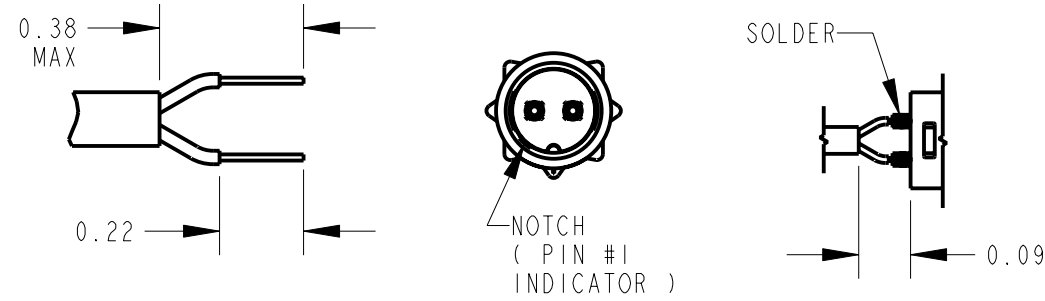


SWITCHCRAFT CABLE CONNECTOR ASSEMBLY INSTRUCTIONS

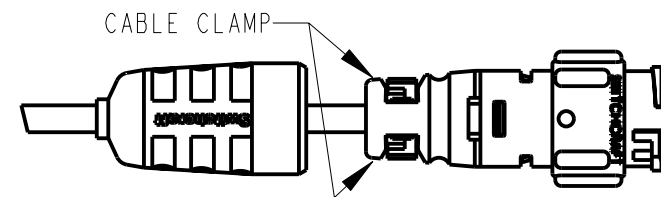
STEP 1
FEED THE END OF THE CABLE THROUGH THE BOOT AND CABLE CLAMP HOUSING IN THE ORDER AND POSITION SHOWN.



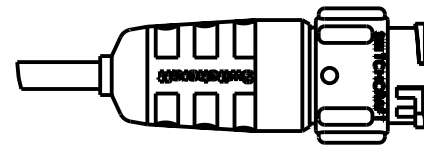
STEP 2
STRIP CABLE AS SHOWN AND BEGIN SOLDERING CONDUCTORS TO PINS. STARTING WITH CONTACT NO. 1 NEXT TO THE "NOTCH" AND FOLLOW WITH THE REMAINING CONDUCTORS CLOCKWISE WITH NO. 6 OR NO. 8 CONDUCTOR IN THE CENTER.



STEP 3
PUSH THE CABLE CLAMP HOUSING FORWARD UNTIL IT LOCKS INTO THE CONNECTOR BODY AND SNAP THE TWO CLAMPS INTO IT'S COMPARTMENTS.



STEP 4
PUSH THE BOOT ALL THE WAY FORWARD TO SEAT TIGHTLY ONTO THE CABLE CLAMP HOUSING.

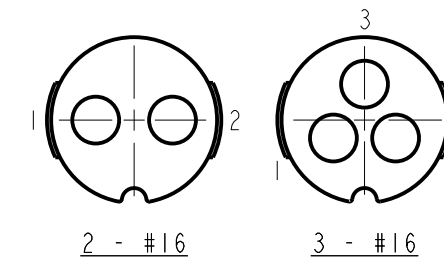
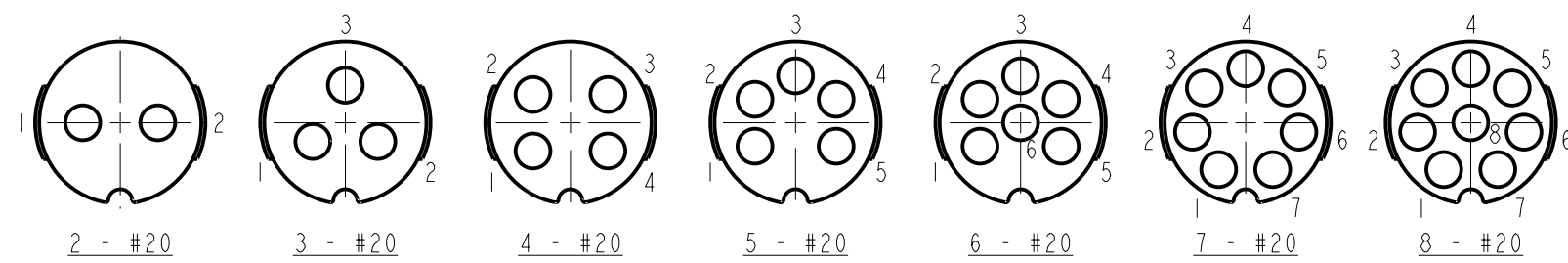


SPECIFICATIONS

MECHANICAL:
SHOCK: MIL-STD 202 METHOD 213B, COND. K.
VIBRATION: MIL-STD 202 METHOD 201
LIFE: 300 INSERTION/WITHDRAWAL CYCLES (MINIMUM)

ELECTRICAL
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.
CURRENT RATING: 7.5 AMPS (#20 CONTACT)
6.5 AMPS (7 & 8 PIN #20 CONTACT)
13.0 AMPS (#16 CONTACT)

ENVIRONMENTAL
TEMPERATURE LIMITS: -40°C TO +65°C (NON-OPERATING)
MOISTURE RESISTANCE: MIL-STD 202 METHOD 106F
INSULATION RESISTANCE: MIL-STD 202 METHOD 302, COND. B
THERMAL SHOCK: MIL-STD 202 METHOD 107G
SALT SPRAY: MIL-STD 202 METHOD 101D, COND. B
WATER TIGHTNESS TEST: U.S. COAST GUARD CFR 46 PART 110.20



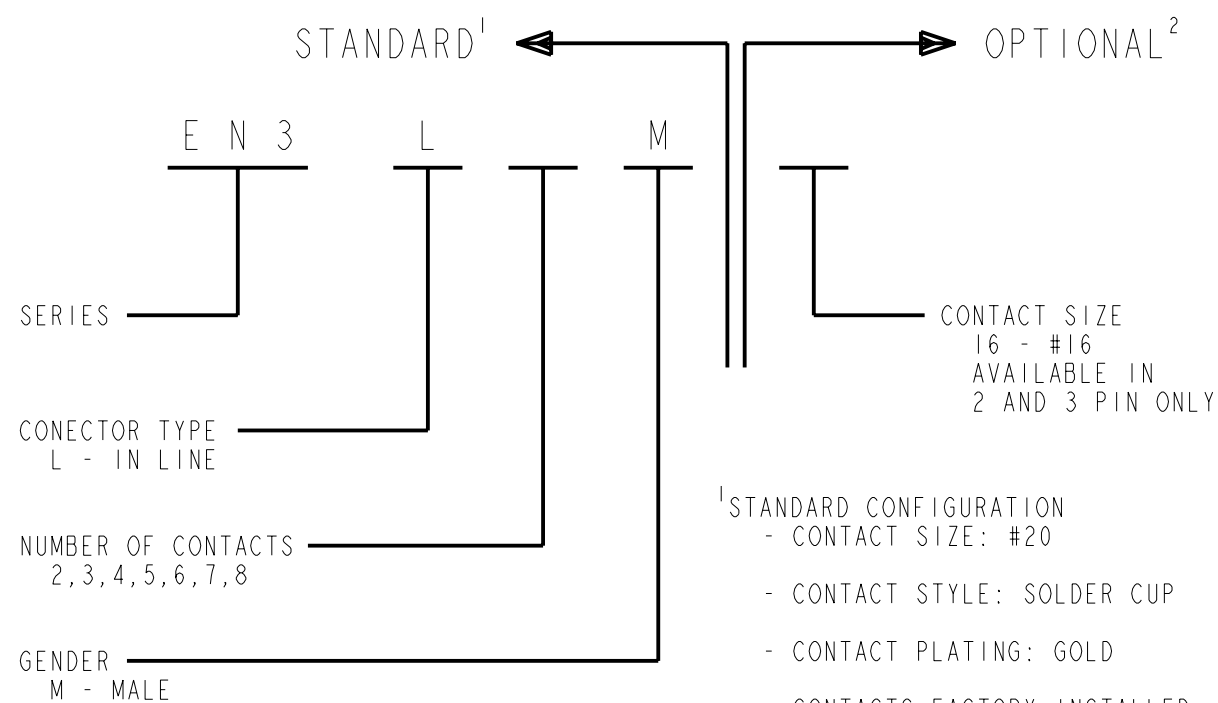
CONTACT ARRANGEMENTS

SHOWN ARE REAR VIEWS OF MALE INLINE CONNECTORS

MATERIALS:
IN-LINE CONNECTOR SHELL, CONTACT LOCKING DISK, AND CABLE CLAMP ASSEMBLY: THERMOPLASTIC POLYMER GLASS FIBER, FLAME RETARDANT

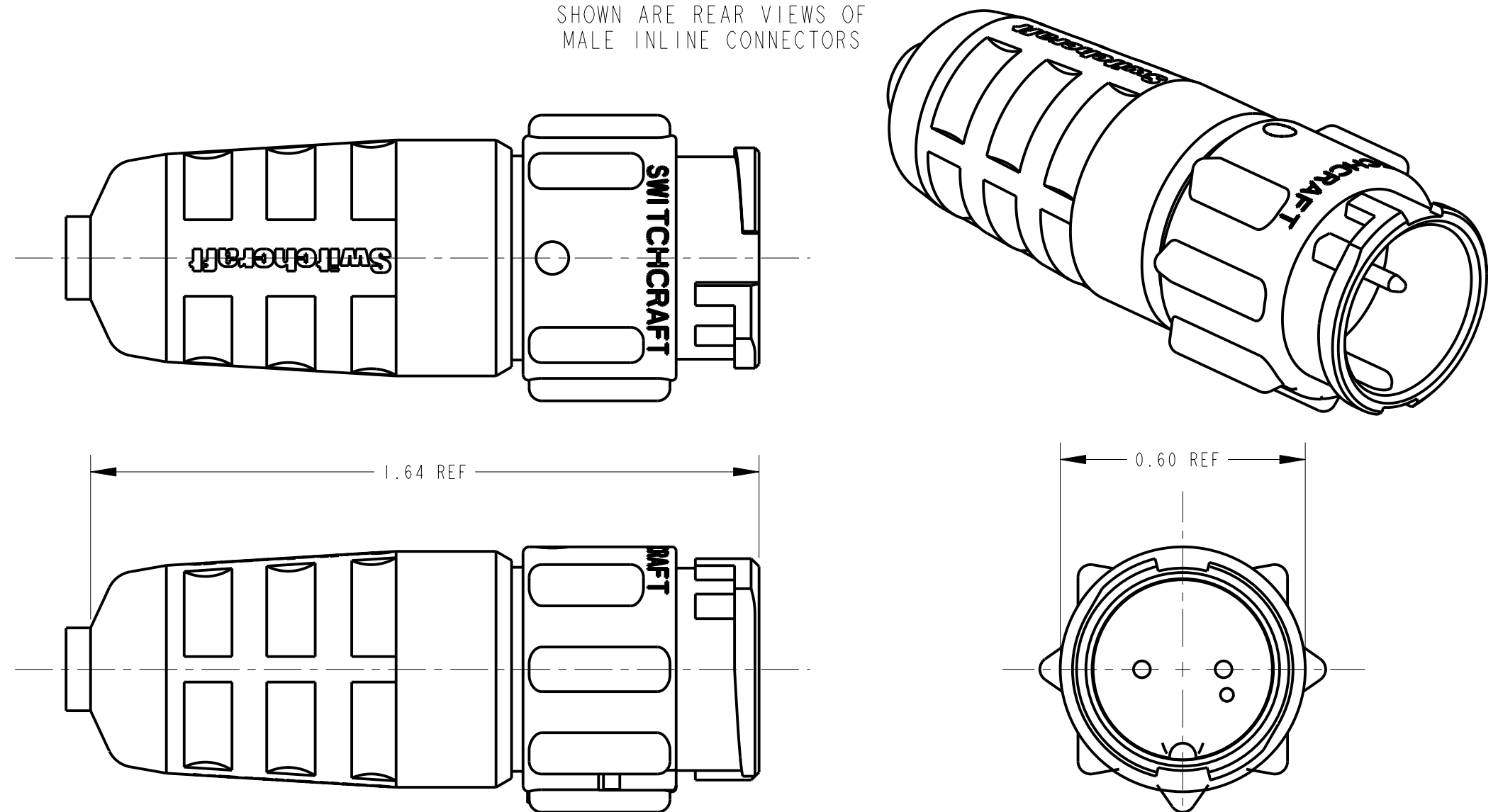
REAR BOOT AND CONNECTOR SHELL INTERIOR: THERMOPLASTIC RUBBER

CONTACTS: COPPER BASE ALLOY GOLD-PLATED OVER NICKEL UNDERPLATE



¹STANDARD CONFIGURATION
- CONTACT SIZE: #20
- CONTACT STYLE: SOLDER CUP
- CONTACT PLATING: GOLD
- CONTACTS FACTORY INSTALLED
- PACKAGED IN BULK

²OPTIONAL CONFIGURATION
- LEAVE BLANK FOR STANDARD CONFIGURATION



CUSTOMER DRAWING

★ STAR SYMBOL DENOTES CRITICAL DIMENSION				THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.				
UNLESS OTHERWISE SPECIFIED				SIZE	WIDTH	MULT	LBS/M	TEMPER
1. ALL DIMENSIONS IN INCHES				FINISH				MATERIAL
- TWO PLACE DECIMALS ±0.01				SPEC No.				SPEC No.
- THREE PLACE DECIMALS ±0.005				FIRST USED ON				SCALE
- ANGLES ±1°				DATE DRAWN				2:1
- ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.				22-May-95	BY	CHKD	APVD	
2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002				SG	SG	5-22-95	FL	
3. REMOVE ALL BURRS				SG	5-22-95	5-25-95	FL	
DO NOT SCALE DRAWING				NAME				MALE CONNECTOR
REVISIONS				PART No.				EN3L_M
REV	ECO NUMBER	DATE	BY	APVD	SHEET			OF
					1			1
					REV			B