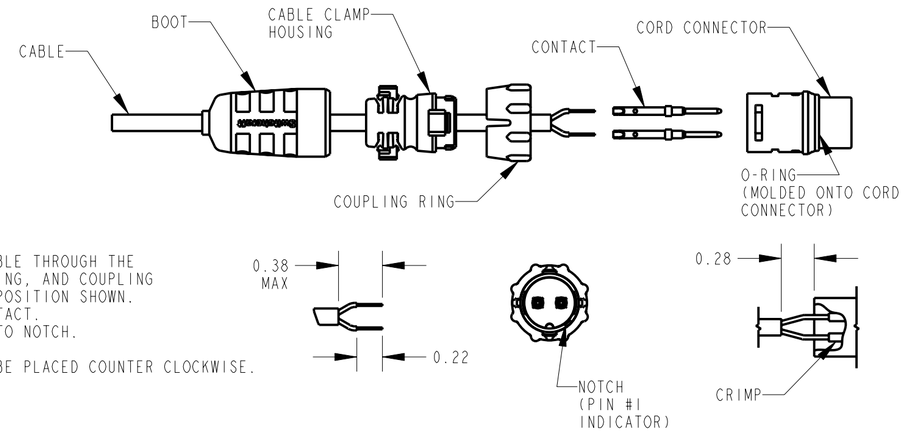
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete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

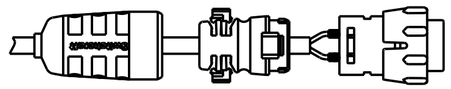
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



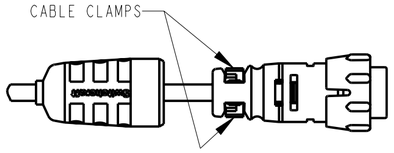
STEP 1
STRIP CABLE AS SHOWN.
FEED THE END OF THE CABLE THROUGH THE BOOT, CABLE CLAMP HOUSING, AND COUPLING RING IN THE ORDER AND POSITION SHOWN.
CRIMP CONDUCTOR TO CONTACT.
CONTACT #1 TO BE NEXT TO NOTCH.

**REMAINING CONTACTS TO BE PLACED COUNTER CLOCKWISE.

STEP 2
ALIGN COUPLING RING'S TABS WITH CORD CONNECTOR'S SIDE NOTCHES AND PUSH THE COUPLING RING ONTO CORD CONNECTOR.



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



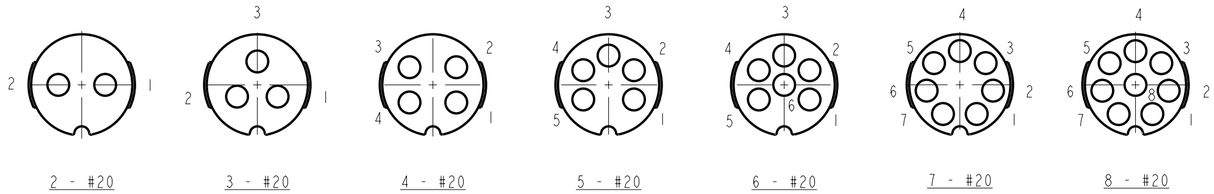
STEP 4
PUSH THE BOOT ALL THE WAY FORWARD TO SEAT TIGHTLY ONTO THE CABLE CLAMP HOUSING.

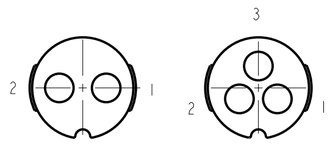
SPECIFICATIONS

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





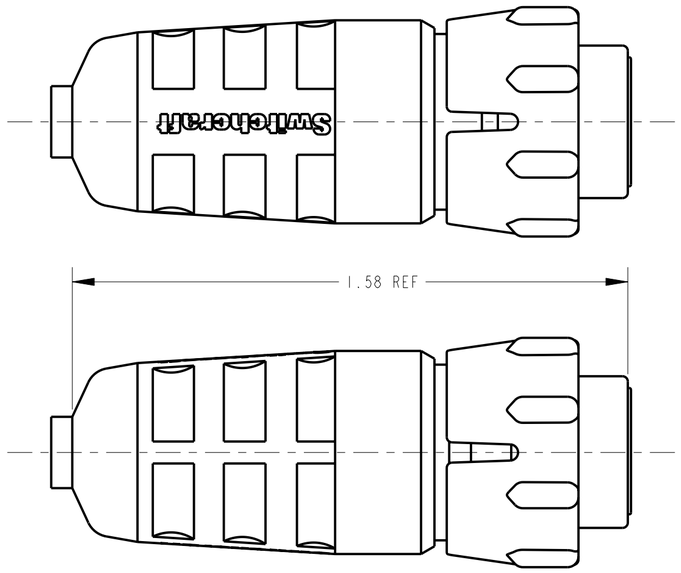
CONTACT ARRANGEMENTS

SHOWN ARE REAR VIEWS OF FEMALE CORD CONNECTORS

MATERIALS:
CORD CONNECTOR SHELL, CONTACT LOCKING DISK, COUPLING RING 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



CUSTOMER DRAWING

STANDARD[1] ← → OPTIONAL[2]

E N 3 C F

SERIES

CONECTOR TYPE
C - CORD

NUMBER OF CONTACTS
2,3,4,5,6,7,8

GENDER
F - FEMALE

CONTACT SIZE
16 - #16
AVAILABLE IN
2 AND 3 PIN ONLY

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

[2]OPTIONAL CONFIGURATION
- LEAVE BLANK FOR STANDARD CONFIGURATION

REV	ECO NUMBER	DATE	BY	APVD
G	22232	6-7-98	SG	RB
F	21282	2-5-97	SG	RB
E	20897	2-5-97	SG	RB

REVISIONS

☆ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS IN INCHES
-TWO PLACE DECIMALS ±0.01
-THREE PLACE DECIMALS ±0.005
-ANGLES ±1°
-ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.
2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
3. REMOVE ALL BURRS

DO NOT SCALE DRAWING

SIZE	WIDTH	MULT	LBS/M	TEMPER

FINISH
SPEC No.

MATERIAL
SPEC No.

FIRST USED ON

SCALE 3:1

DATE DRAWN	BY	CHKD	APVD
3-4-94	SG	SG 2-6-95	FL 2-6-95

Switchcraft®

SHEET 1 OF 1

NAME
FEMALE CORD CONNECTOR

PART No.
EN3C_F

REV
G

Pro/Engineer CAD File