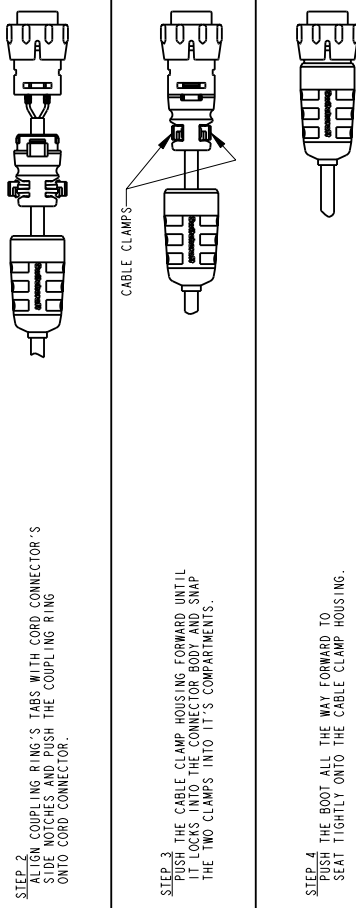
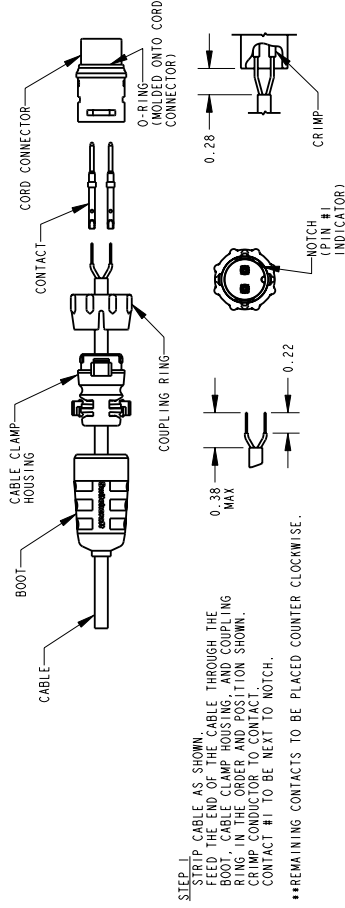


SPECIFICATIONS

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)
HUMIDITY: MIL-STD 202 METHOD 201, COND. B
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

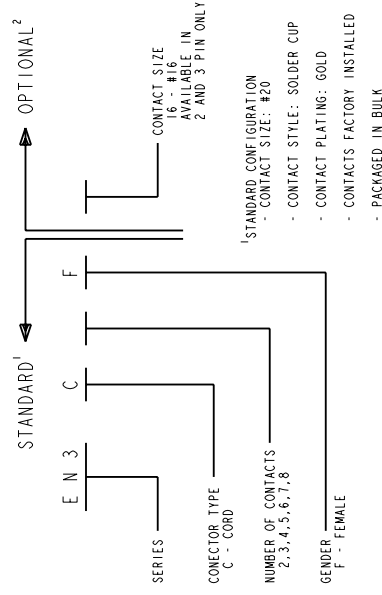


STEP 2
STRIP COUPLING RING'S TABS WITH CORD CONNECTOR'S SIDE NOTCHES AND PUSH THE COUPLING RING ONTO CORD CONNECTOR.

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

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

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

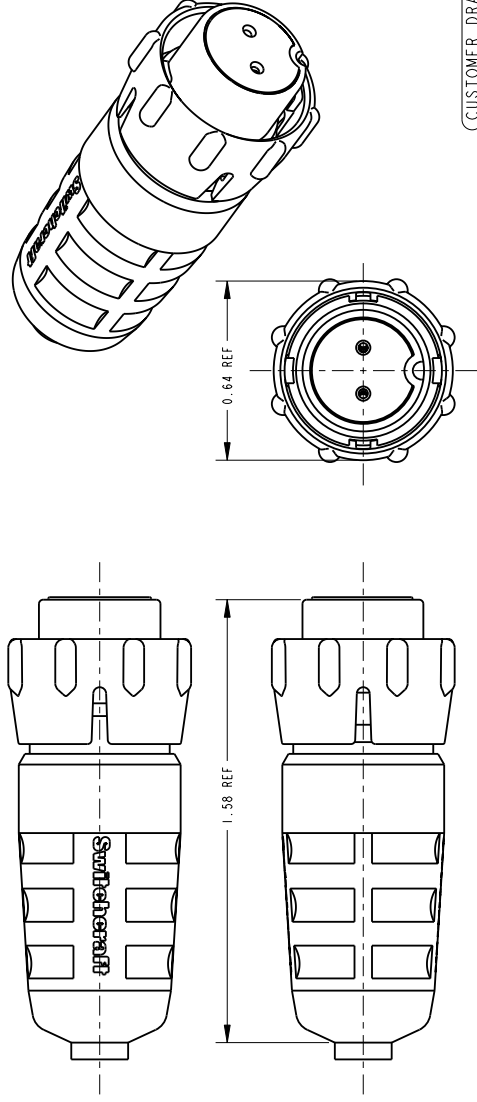
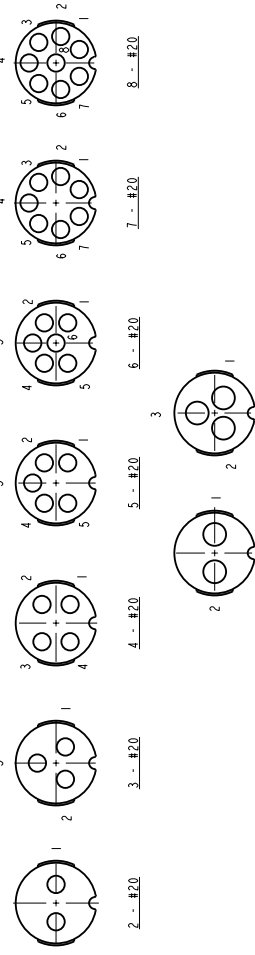


1 STANDARD CONFIGURATION
- CONTACT SIZE: #20
- CONTACT STYLE: SOLDER CUP
- CONTACT PLATING: GOLD
- CONTACTS FACTORY INSTALLED
- PACKAGED IN BULK

2 OPTIONAL CONFIGURATION
- LEAVE BLANK FOR STANDARD CONFIGURATION

SHOWN ARE REAR VIEWS OF
FEMALE CORD CONNECTORS

CONTACT ARRANGEMENTS
2 - #16
3 - #16
3 - #16



CUSTOMER DRAWING

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.				A			
STAR SYMBOL DENOTES CRITICAL DIMENSION		UNLESS OTHERWISE SPECIFIED		FINISH		MATERIAL	
1. ALL DIMENSIONS IN INCHES		2. FEATURES ON THE SAME CENTERLINE		SCALE		SPEC No.	
- TWO PLACE DECIMALS		- ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.		FIRST USED ON		TEMPER	
- ANGLES		- MUST BE ALIGNED WITHIN ±0.002		DATE DRAWN		BY	
3. REMOVE ALL BURRS		DO NOT SCALE DRAWING		3-4-94		SG	
REV		ECO NUMBER		DATE		BY	
20887		2-5-97		SG		RB	
21282		2-5-97		SG		RB	
22232		6-7-98		SG		RB	
G		G		G		G	
F		F		F		F	
E		E		E		E	
DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		DO NOT SCALE DRAWING	
FEMALE CORD CONNECTOR		FEMALE CORD CONNECTOR		FEMALE CORD CONNECTOR		FEMALE CORD CONNECTOR	
EN3C_F		EN3C_F		EN3C_F		EN3C_F	
REV		ECO NUMBER		DATE		BY	
2		2		2		2	
G		G		G		G	