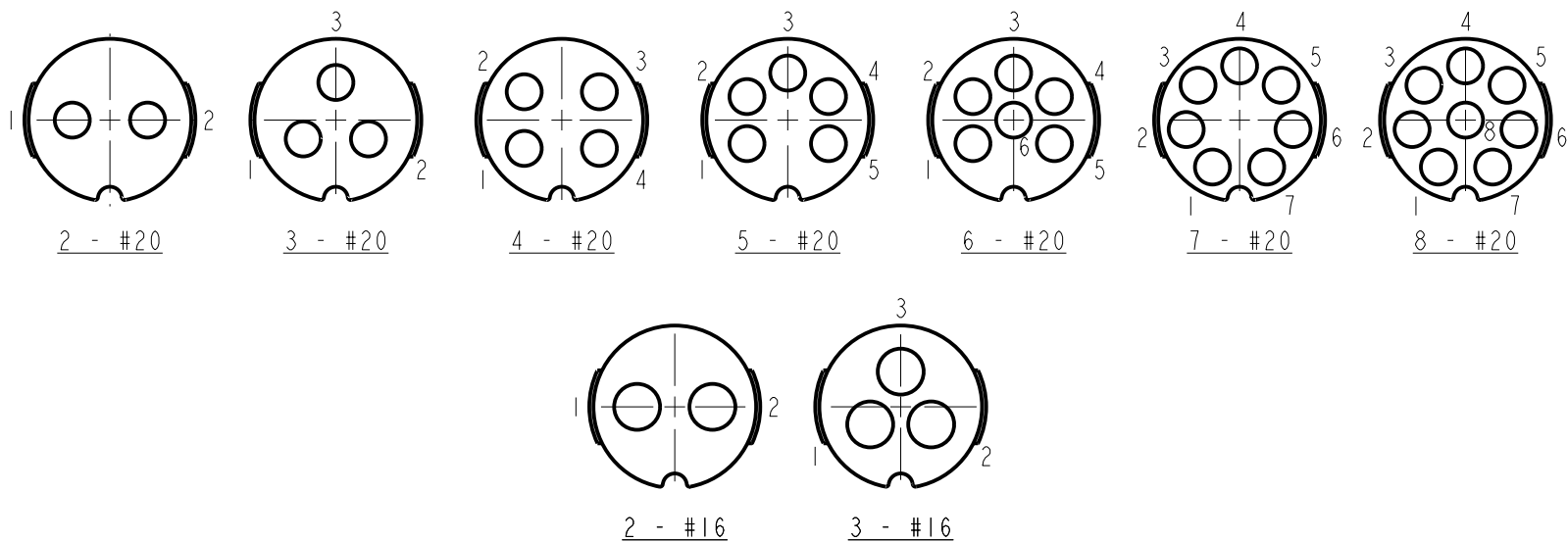


SPECIFICATIONS

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

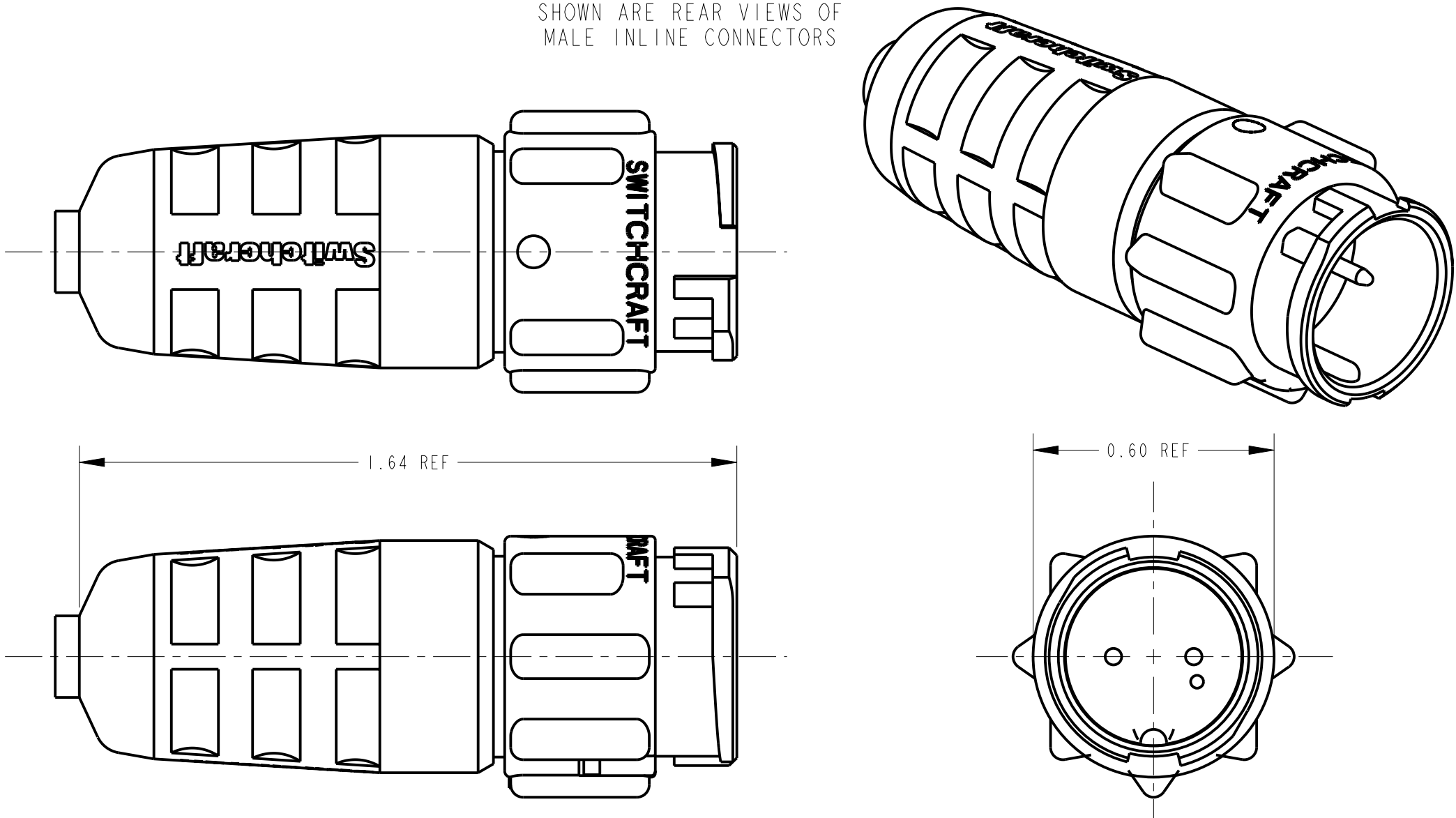
**ELECTRICAL**  
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC  
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F  
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.  
CURRENT RATING: 7.5 AMPS (#20 CONTACT)  
6.5 AMPS (7 & 8 PIN #20 CONTACT)  
13.0 AMPS (#16 CONTACT)

**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

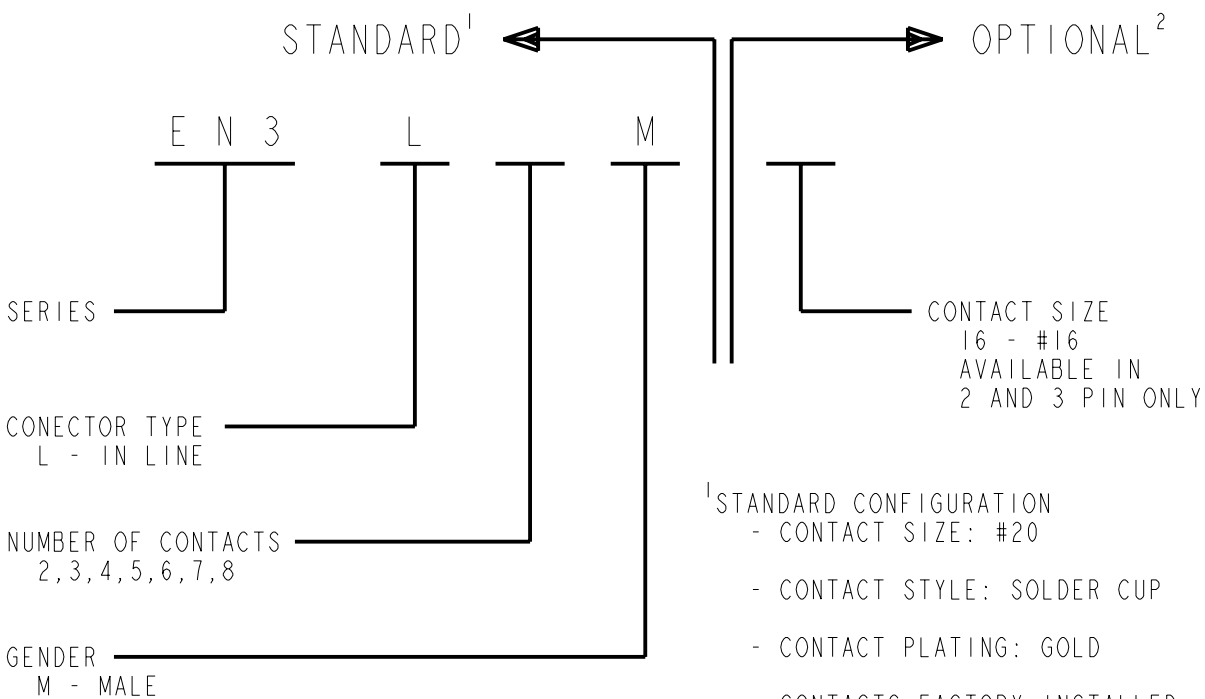


CUSTOMER DRAWING

**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



- <sup>1</sup>STANDARD CONFIGURATION
- CONTACT SIZE: #20
  - CONTACT STYLE: SOLDER CUP
  - CONTACT PLATING: GOLD
  - CONTACTS FACTORY INSTALLED
  - PACKAGED IN BULK
- <sup>2</sup>OPTIONAL CONFIGURATION
- LEAVE BLANK FOR STANDARD CONFIGURATION

						★ 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 - TWO PLACE DECIMALS ±0.01 - THREE PLACE DECIMALS ±0.005 - ANGLES ±1° - ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.	FINISH			MATERIAL				
							SPEC No.			SPEC No.				
							FIRST USED ON		SCALE		Switchcraft®			
									2:1					
B	22232	5-8-98	SG	RB		2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002	DATE DRAWN	BY	CHKD	APVD	SHEET   OF			
A	RELEASE TO MFG ECO #21494	11-25-96	MM	FL			22-May-95	SG	5-22-95	FL			5-25-95	
REV	ECO NUMBER	DATE	BY	APVD		3. REMOVE ALL BURRS	NAME		PART No.			REV		
REVISIONS						DO NOT SCALE DRAWING	MALE CONNECTOR					EN3L_M		B

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