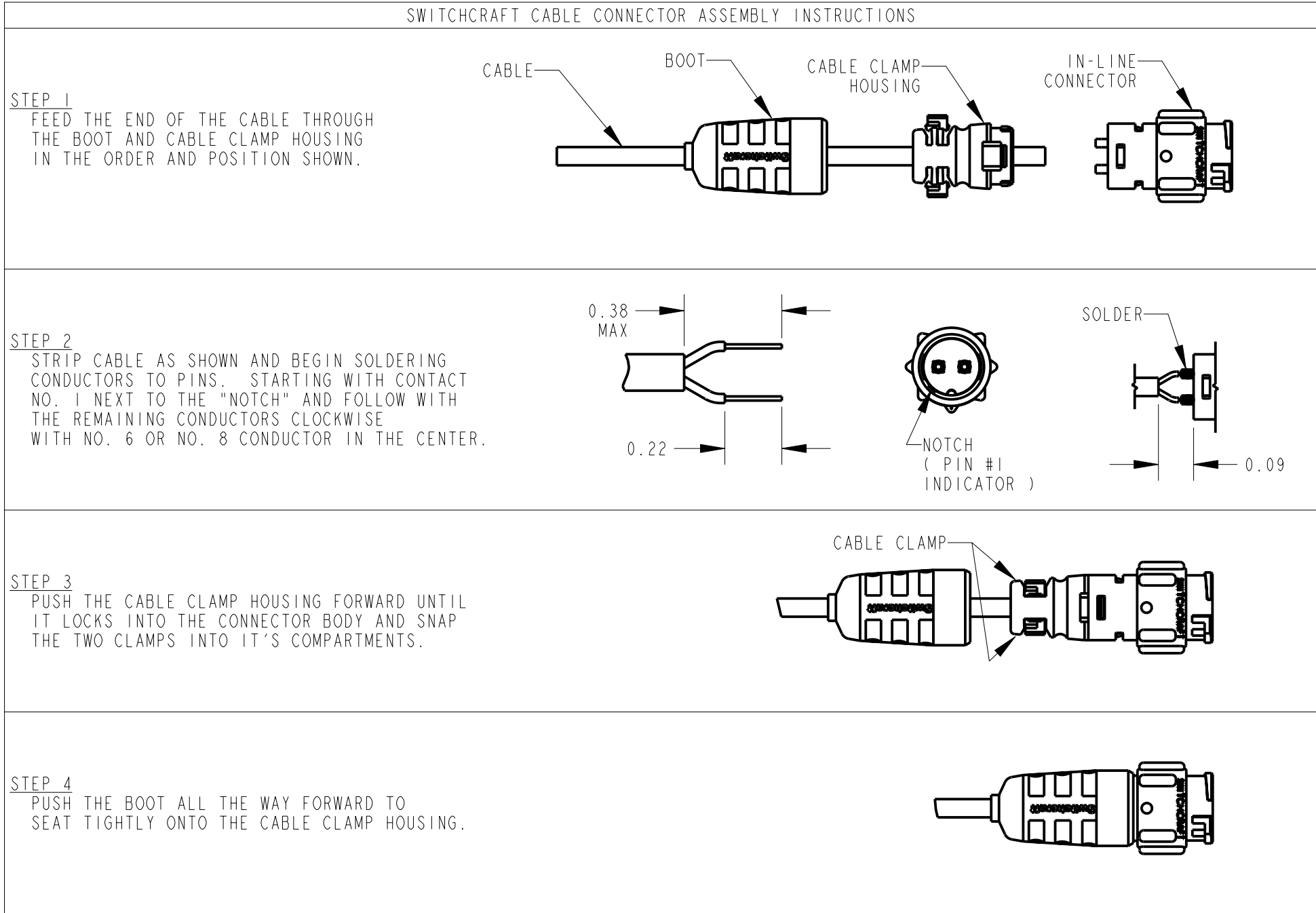


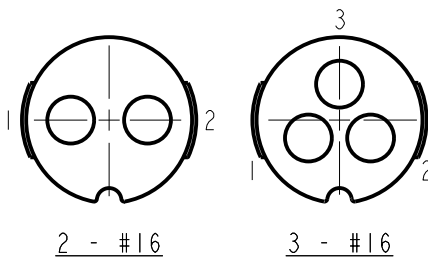
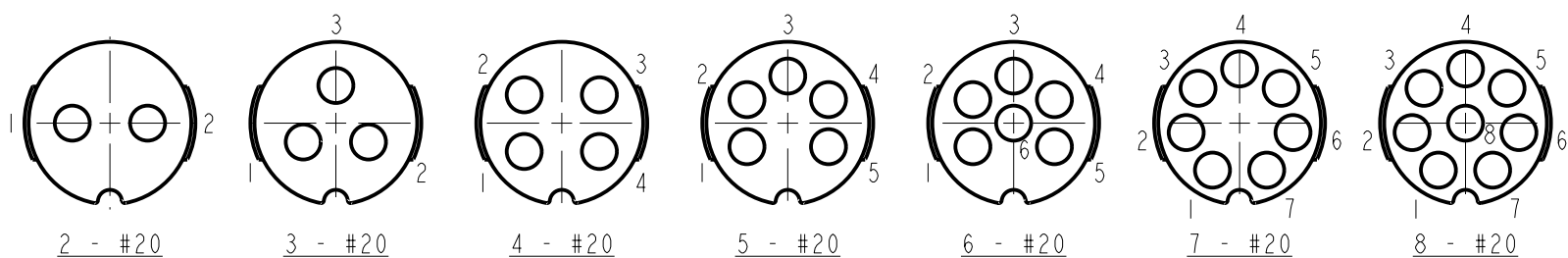


SPECIFICATIONS

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

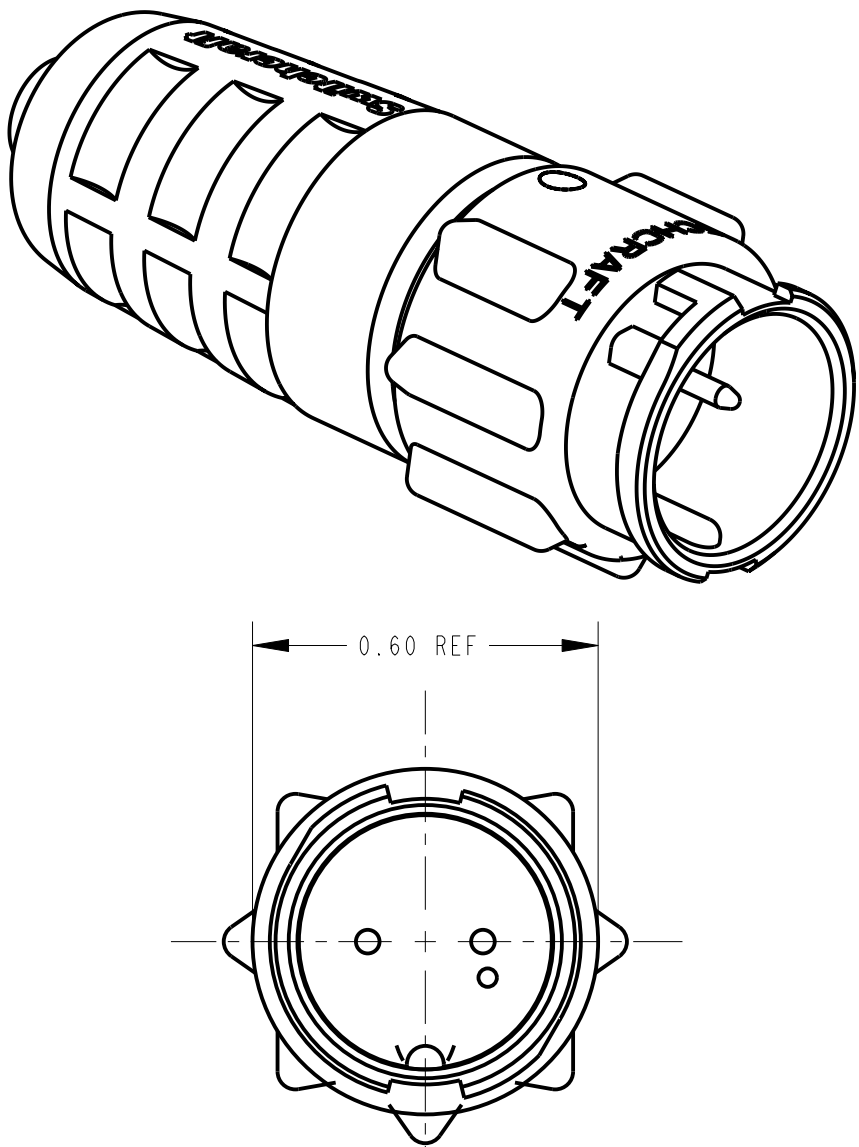
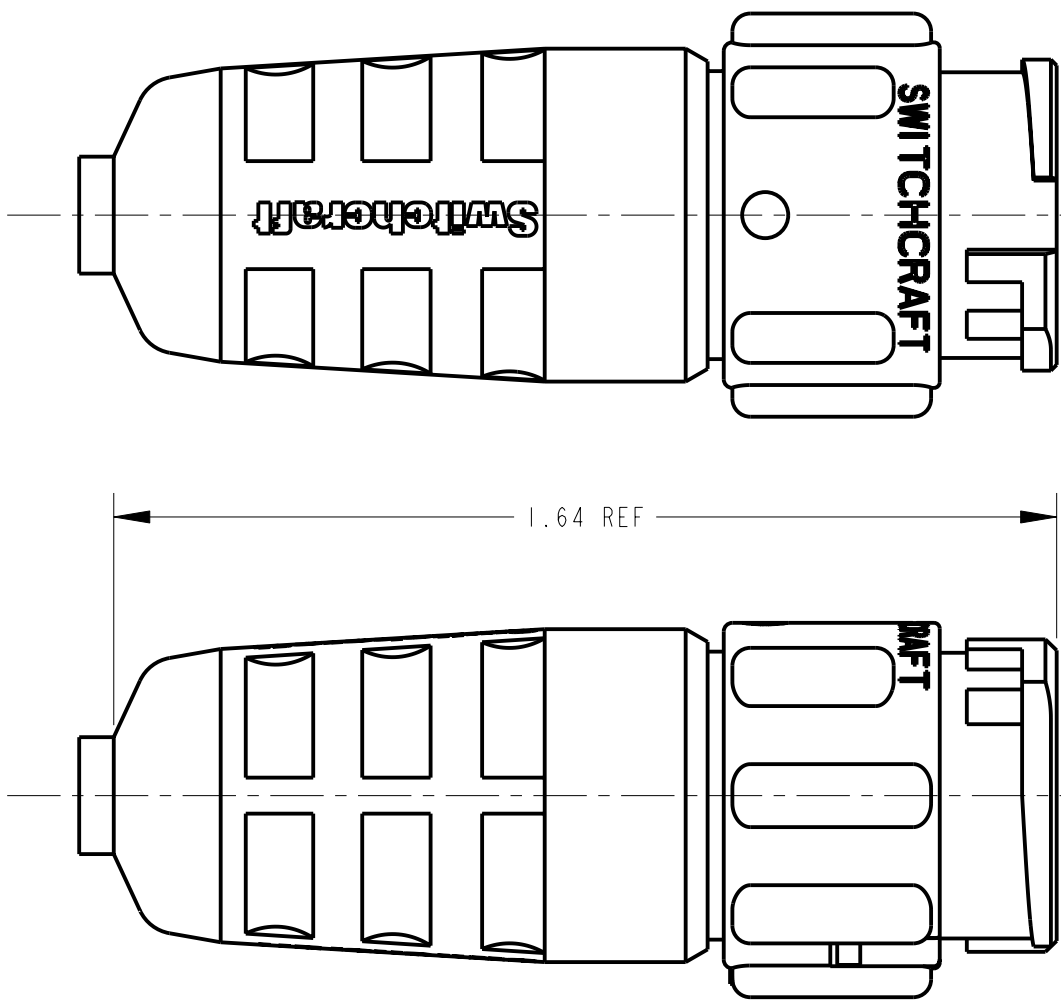
ELECTRICAL
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.
CURRENT RATING: 7.5 AMPS (#20 CONTACT)
6.5 AMPS (7 & 8 PIN #20 CONTACT)
13.0 AMPS (#16 CONTACT)

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

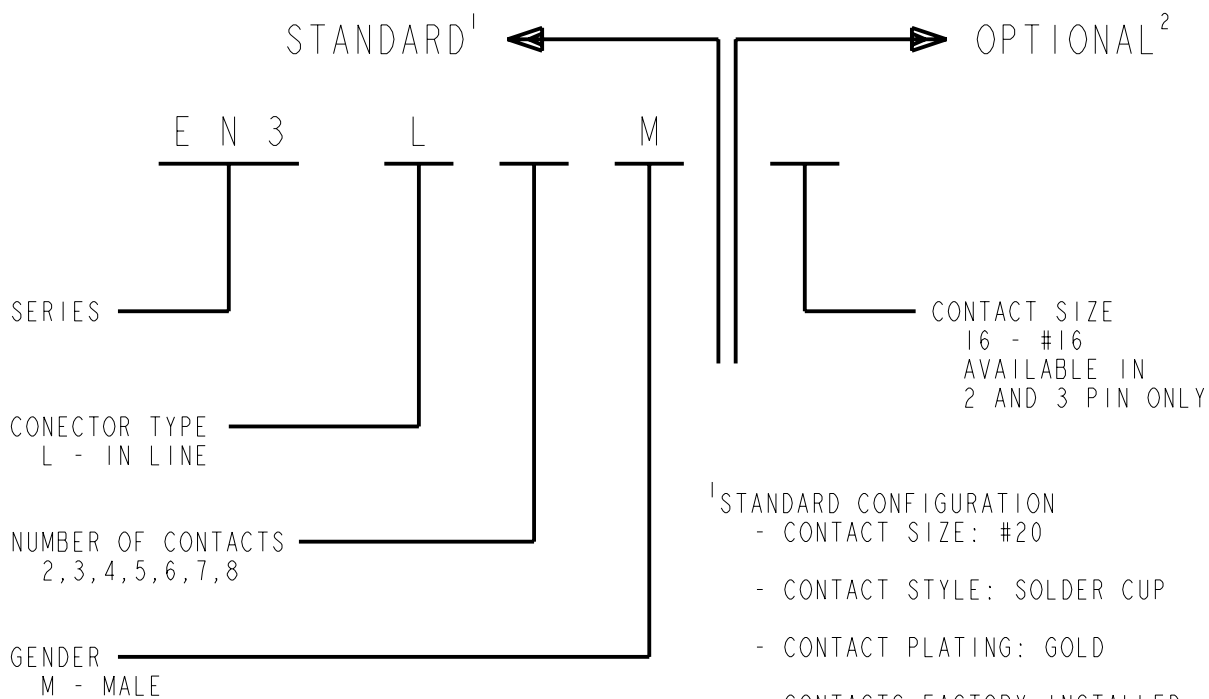


CUSTOMER DRAWING

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



REV	ECO NUMBER	DATE	BY	APVD
B	22232	5-8-98	SG	RB
A	RELEASE TO MFG ECO #21494	11-25-96	MM	FL
REV	ECO NUMBER	DATE	BY	APVD

★ 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

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.	SIZE	WIDTH	MULT	LBS/M	TEMPER
FINISH	SPEC No.	FIRST USED ON	SCALE 2:1	APVD	MATERIAL SPEC No.
DATE DRAWN 22-May-95	BY SG	CHKD SG	5-22-95	FL 5-25-95	
NAME	MALE CONNECTOR	PART No.	EN3L_M	REV B	

Mouser Electronics

Authorized Distributor

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Switchcraft:

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[EN3L3M16CKX](#) [EN3L3M16CX](#) [EN3L3M16KX](#) [EN3L3M16X](#) [EN3L3MCKX](#) [EN3L3MCX](#) [EN3L3MKX](#) [EN3L4FCKX](#)
[EN3L4FCX](#) [EN3L4FKX](#) [EN3L4MCKX](#) [EN3L4MCX](#) [EN3L4MKX](#) [EN3L5FCKX](#) [EN3L5FCX](#) [EN3L5FKX](#) [EN3L5MCKX](#)
[EN3L5MCX](#) [EN3L5MKX](#) [EN3L6FCKX](#) [EN3L6FCX](#) [EN3L6FKX](#) [EN3L6MCKX](#) [EN3L6MCX](#) [EN3L6MKX](#)
[EN3L7MCKX](#) [EN3L7MCX](#) [EN3L7MKX](#) [EN3L7MX](#) [EN3L8MCKX](#) [EN3L8MCX](#) [EN3L8MKX](#) [EN3L10F26X](#)
[EN3L10M26X](#) [EN3L18F26SLX](#) [EN3L18M26X](#) [EN3L9F26X](#) [EN3L18M26SLX](#) [EN3L2F16CKX](#) [EN3L2F16CX](#)
[EN3L2F16KX](#) [EN3L2F16X](#) [EN3L2FCKX](#) [EN3L2FCX](#) [EN3L2FKX](#) [EN3L2FX](#) [EN3L2M16CKX](#) [EN3L2M16CX](#)
[EN3L2M16KX](#) [EN3L2M16X](#) [EN3L2MCKX](#) [EN3L2MCX](#) [EN3L2MKX](#) [EN3L2MX](#) [EN3L3F16CKX](#) [EN3L3F16CX](#)
[EN3L3F16KX](#) [EN3L3F16X](#) [EN3L3FCKX](#) [EN3L3FCX](#) [EN3L15F26CX](#) [EN3L16M26SLX](#) [EN3L3F16LX](#)