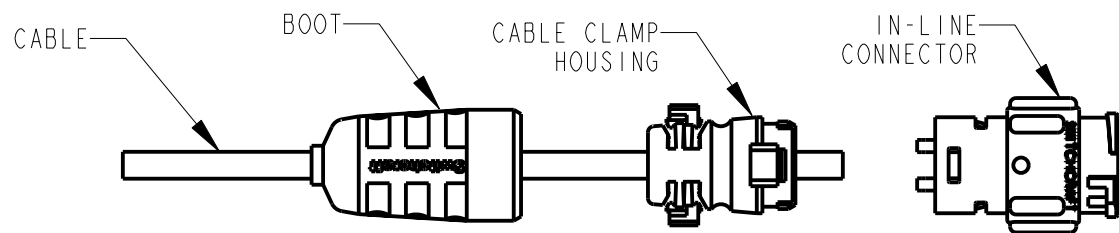
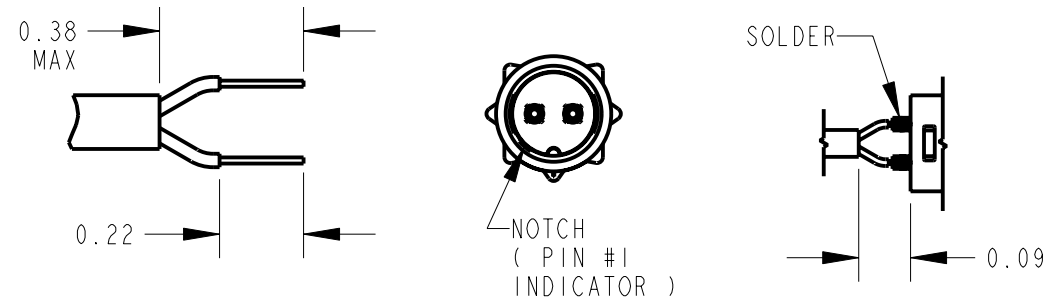


SWITCHCRAFT CABLE CONNECTOR ASSEMBLY INSTRUCTIONS

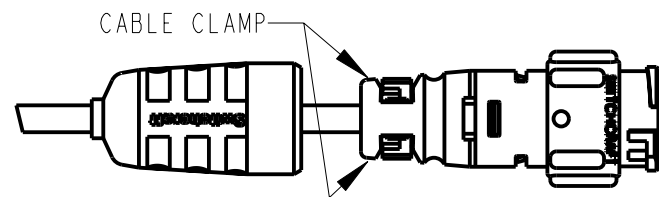
STEP 1
FEED THE END OF THE CABLE THROUGH THE BOOT AND CABLE CLAMP HOUSING IN THE ORDER AND POSITION SHOWN.



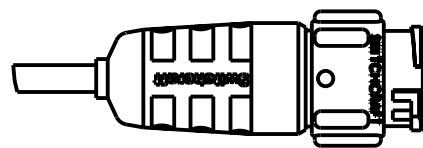
STEP 2
STRIP CABLE AS SHOWN AND BEGIN SOLDERING CONDUCTORS TO PINS. STARTING WITH CONTACT NO. 1 NEXT TO THE "NOTCH" AND FOLLOW WITH THE REMAINING CONDUCTORS CLOCKWISE WITH NO. 6 OR NO. 8 CONDUCTOR IN THE CENTER.



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.

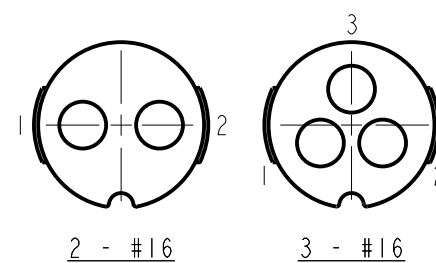
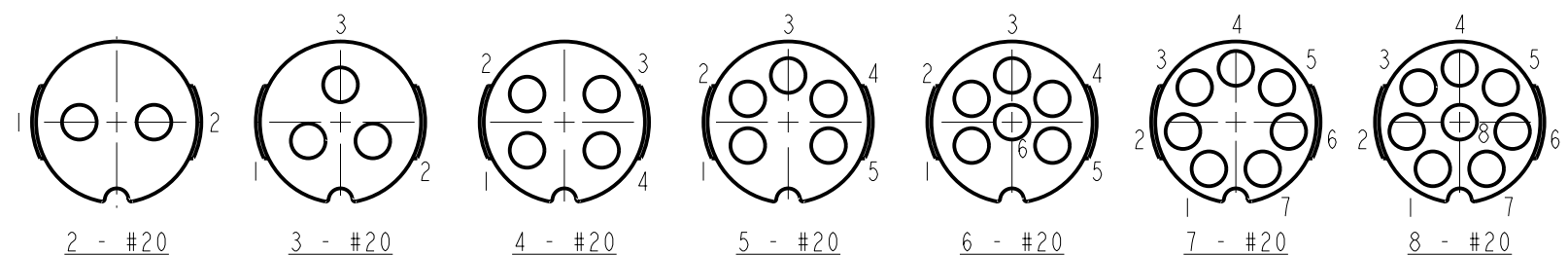


SPECIFICATIONS

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

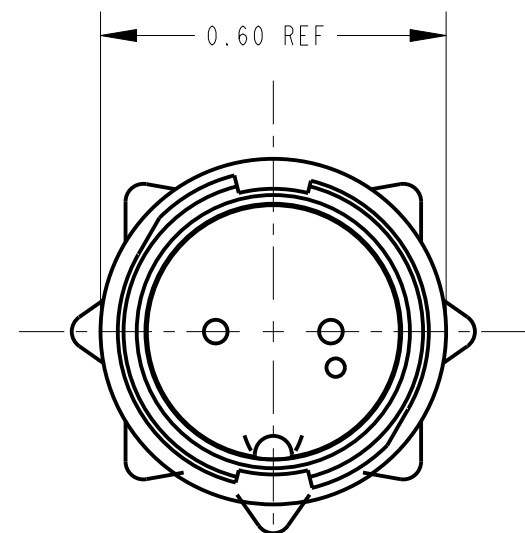
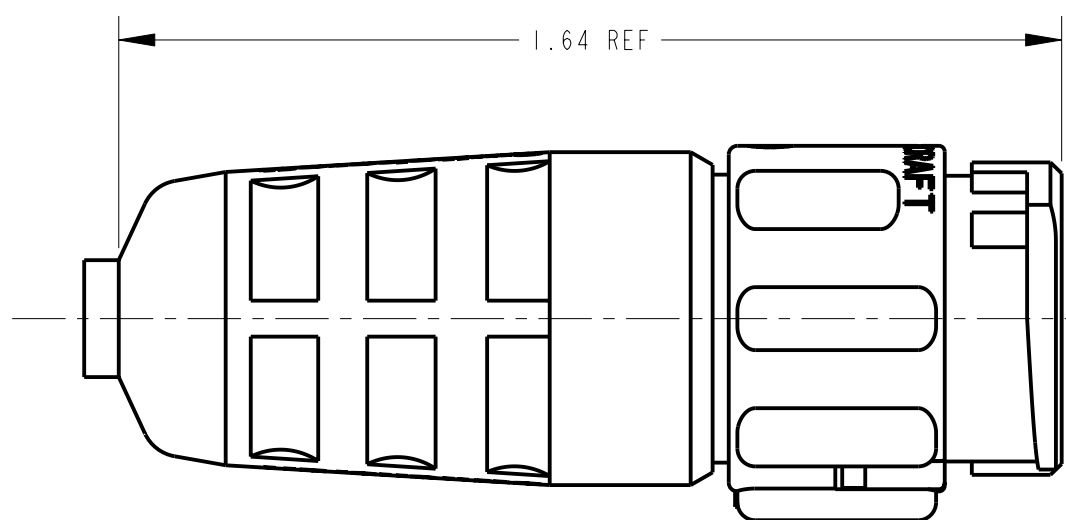
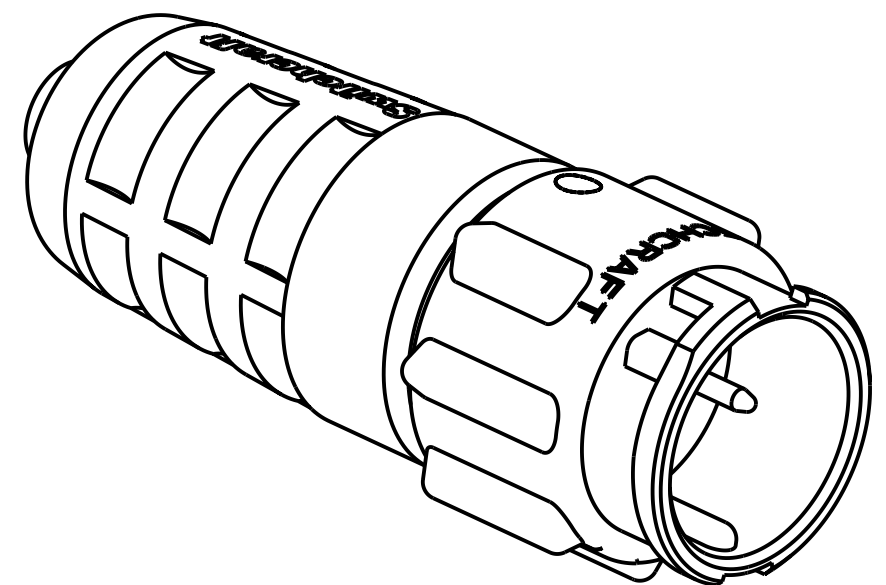
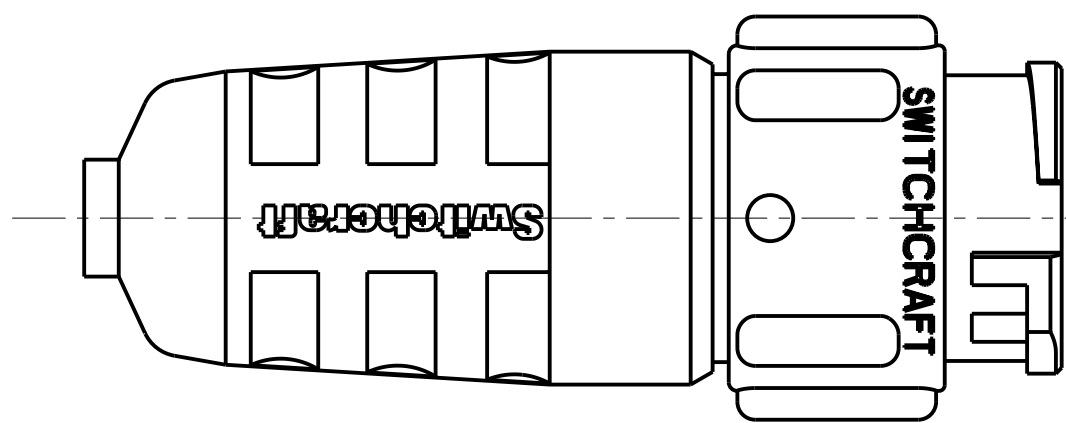
ELECTRICAL
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.
CURRENT RATING: 7.5 AMPS (#20 CONTACT)
6.5 AMPS (7 & 8 PIN #20 CONTACT)
13.0 AMPS (#16 CONTACT)

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

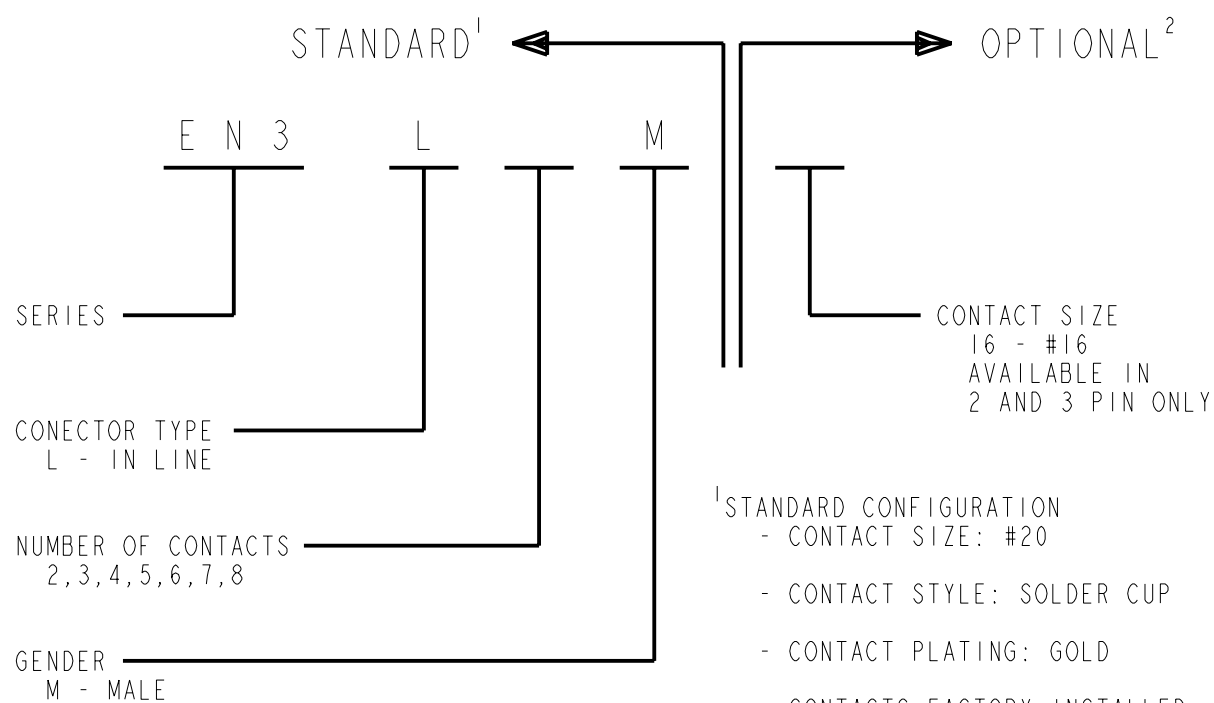


CUSTOMER DRAWING

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



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

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

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

- 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.
- FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
- 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		MATERIAL		TEMPER
SPEC No.		SPEC No.		TEMPER
FIRST USED ON		SCALE		TEMPER
DATE DRAWN		BY	CHKD	APVD
22-May-95		SG	5-22-95	FL
NAME		SCALE		TEMPER
MALE CONNECTOR		SCALE		TEMPER
PART No.			REV	
EN3L_M			B	

Mouser Electronics

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Switchcraft:

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[EN3L4FCKX](#) [EN3L4FCX](#) [EN3L4FKX](#) [EN3L4MCKX](#) [EN3L4MCX](#) [EN3L4MKX](#) [EN3L5FCKX](#) [EN3L5FCX](#) [EN3L5FKX](#)
[EN3L5MCKX](#) [EN3L5MCX](#) [EN3L5MKX](#) [EN3L6FCKX](#) [EN3L6FCX](#) [EN3L6FKX](#) [EN3L6MCX](#) [EN3L6MKX](#)
[EN3L7MCKX](#) [EN3L7MCX](#) [EN3L7MKX](#) [EN3L7MX](#) [EN3L8MCKX](#) [EN3L8MCX](#) [EN3L8MKX](#) [EN3L2MX](#)
[EN3L3F16CKX](#) [EN3L3F16CX](#) [EN3L3F16KX](#) [EN3L3F16X](#) [EN3L3FCKX](#) [EN3L3FCX](#) [EN3L15F26CX](#)
[EN3L16M26SLX](#) [EN3L3F16LX](#)