

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

MATERIALS:
PANEL CONNECTOR SHELL, CONTACT LOCKING DISC:
THERMOPLASTIC POLYMER GLASS FIBER, FLAME RETARDANT

CONNECTOR SHELL INTERIOR:
THERMOPLASTIC RUBBER

CONTACTS: COPPER BASE ALLOY GOLD-PLATED
OVER NICKEL UNDERPLATE

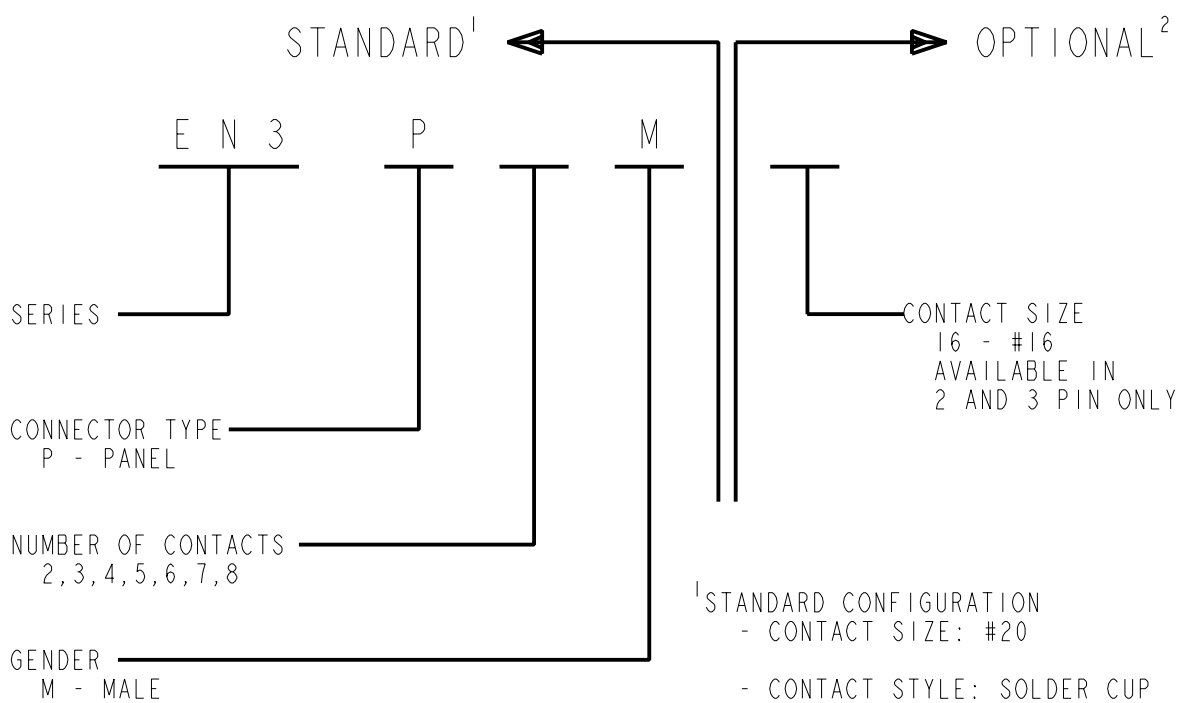
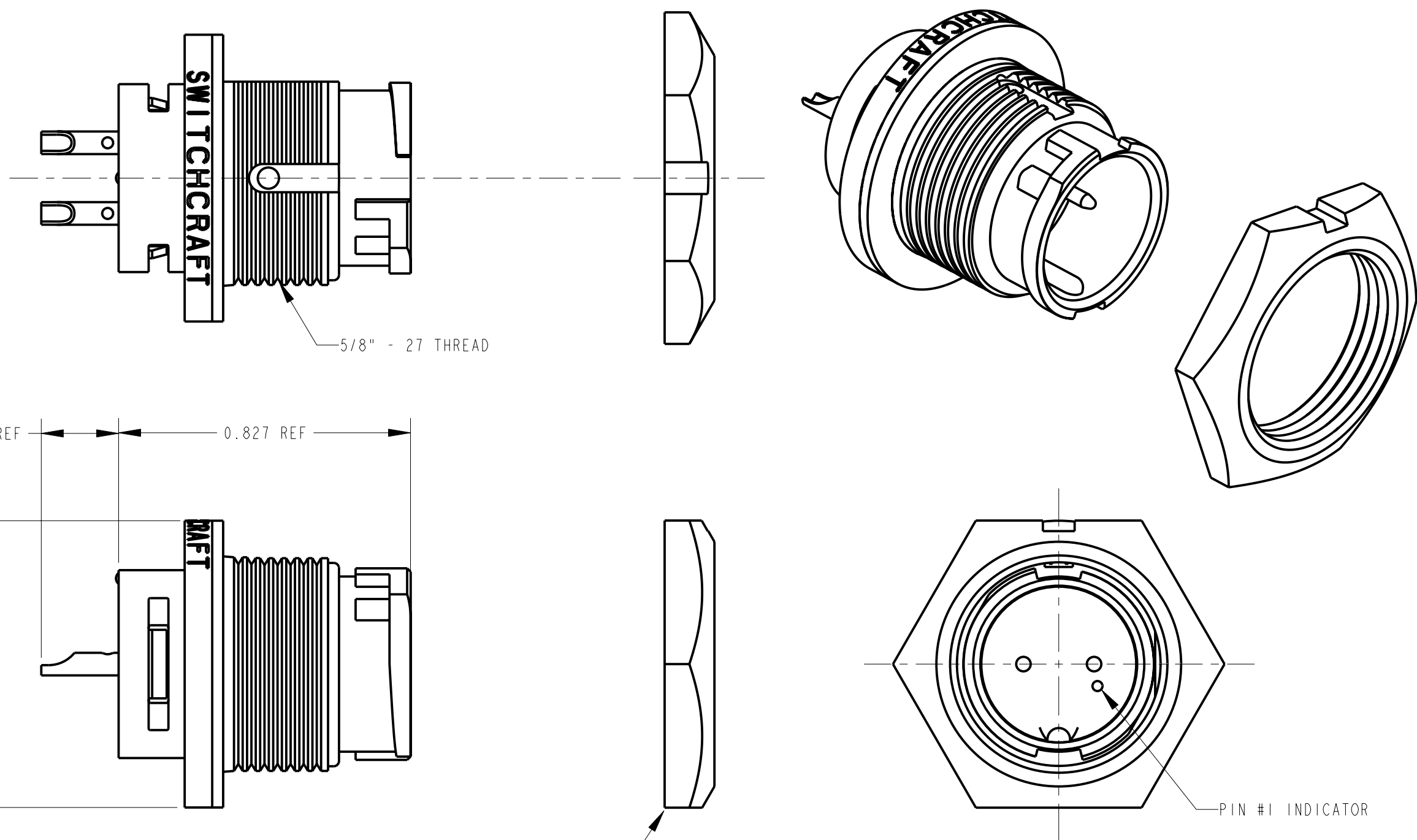
HEX NUT: THERMOPLASTIC

NOTES:

- HEX NUT TORQUE:
8 TO 10 INCH-LBS. OF TORQUE
(MUST NOT EXCEED 10 INCH-LBS.)
- HEX NUT SHIPPED UNASSEMBLED.

CONTACT ARRANGEMENT

SHOWN ARE REAR VIEWS OF
MALE PANEL CONNECTORS



- 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

					★ 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.					
G	24661	3-4-04	JL	EB	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	SIZE	WIDTH	MULT	LBS/M	TEMPER	
F	23595	2-6-01	JL	DK		FINISH SPEC No.				MATERIAL SPEC No.	
E	22232	4-30--98	SG	RB		FIRST USED ON		SCALE 3:1		Switchcraft®	
D	ECO #21461	12-2-96	MM	FL		DATE DRAWN	BY	CHKD	APVD		
C	ECO #19815	10-9-95	RC	KS		1-28-95	SG	SG 2-27-95	FL 2-27-95		
B	FIRST DRAWN	1-28-95	SG	FL	DO NOT SCALE DRAWING	NAME MALE PANEL CONNECTORS EN3P_M SERIES				SHEET OF	
REV	ECO NUMBER	DATE	BY	APVD		PART No.				REV	
REVISIONS						EN3P_M				G	

Mouser Electronics

Authorized Distributor

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Switchcraft:

[EN3P4MPX](#) [EN3P4MX](#) [EN3P3FX](#) [EN3P5FX](#) [EN3P5MX](#) [EN3P6FX](#) [EN3P6MX](#) [EN3P8MX](#) [EN3P10F26SX](#)
[EN3P10F26X](#) [EN3P10M26SX](#) [EN3P10M26X](#) [EN3P11F26SX](#) [EN3P11F26X](#) [EN3P11M26SX](#) [EN3P11M26X](#)
[EN3P12F26X](#) [EN3P12M26SX](#) [EN3P12M26X](#) [EN3P13F26SX](#) [EN3P13F26X](#) [EN3P13M26SX](#) [EN3P13M26X](#)
[EN3P14F26SX](#) [EN3P14F26X](#) [EN3P14M26SX](#) [EN3P14M26X](#) [EN3P15F26SX](#) [EN3P15F26X](#) [EN3P15M26SX](#)
[EN3P15M26X](#) [EN3P16F26SX](#) [EN3P16F26X](#) [EN3P16M26SX](#) [EN3P16M26X](#) [EN3P17F26SX](#) [EN3P17F26X](#)
[EN3P17M26SX](#) [EN3P17M26X](#) [EN3P18F26SX](#) [EN3P18F26X](#) [EN3P18M26SX](#) [EN3P18M26X](#) [EN3P2F16CKX](#)
[EN3P2F16CX](#) [EN3P2F16KX](#) [EN3P2F16PX](#) [EN3P2F16X](#) [EN3P2FCKX](#) [EN3P2FCX](#) [EN3P2FKX](#) [EN3P2FPX](#)
[EN3P2FRAPCX](#) [EN3P2FX](#) [EN3P2M16CKX](#) [EN3P2M16CX](#) [EN3P2M16KX](#) [EN3P2M16PX](#) [EN3P2M16X](#)
[EN3P2MCKX](#) [EN3P2MCX](#) [EN3P2MKX](#) [EN3P2MPX](#) [EN3P2MX](#) [EN3P3F16CX](#) [EN3P3F16KX](#) [EN3P3F16PX](#)
[EN3P3F16X](#) [EN3P3FCKX](#) [EN3P3FCX](#) [EN3P3FKX](#) [EN3P3FPX](#) [EN3P3FRAPCX](#) [EN3P3M16CKX](#) [EN3P3M16CX](#)
[EN3P3M16KX](#) [EN3P3M16PX](#) [EN3P3M16X](#) [EN3P3MCKX](#) [EN3P3MCX](#) [EN3P3MKX](#) [EN3P3MPX](#) [EN3P4FCKX](#)
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[EN3P5FPX](#) [EN3P5FRAPCX](#) [EN3P5MCKX](#) [EN3P5MCX](#) [EN3P5MKX](#) [EN3P6FCKX](#) [EN3P6FCX](#) [EN3P6FPX](#)