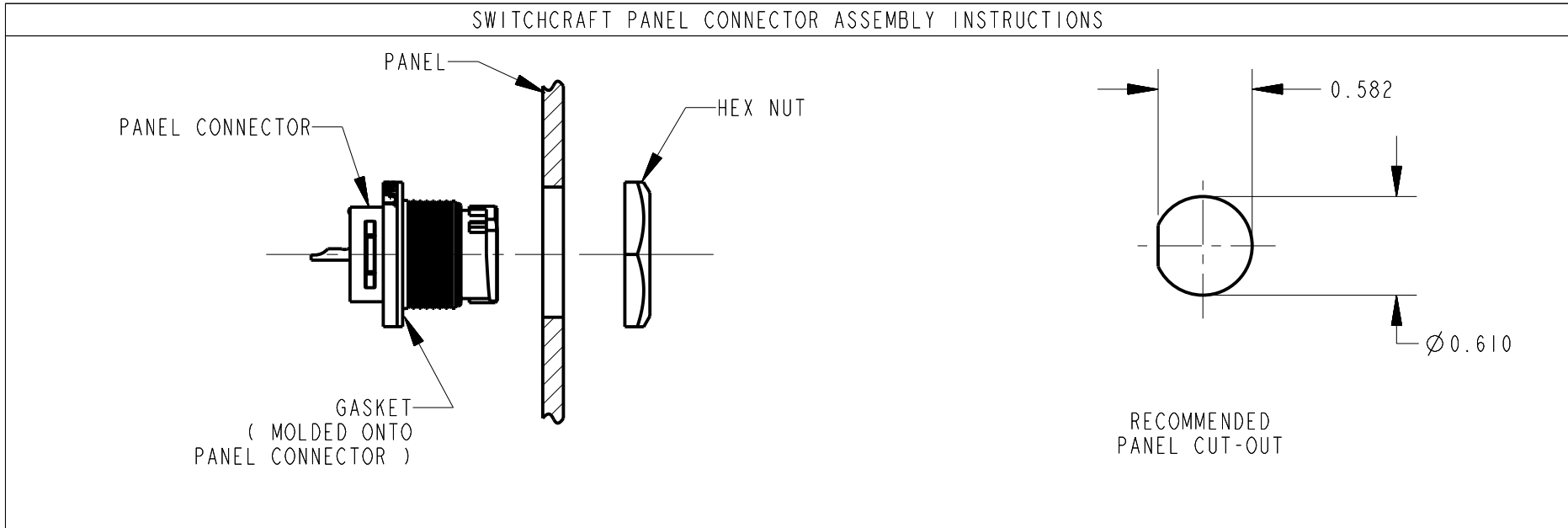




SPECIFICATIONS

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

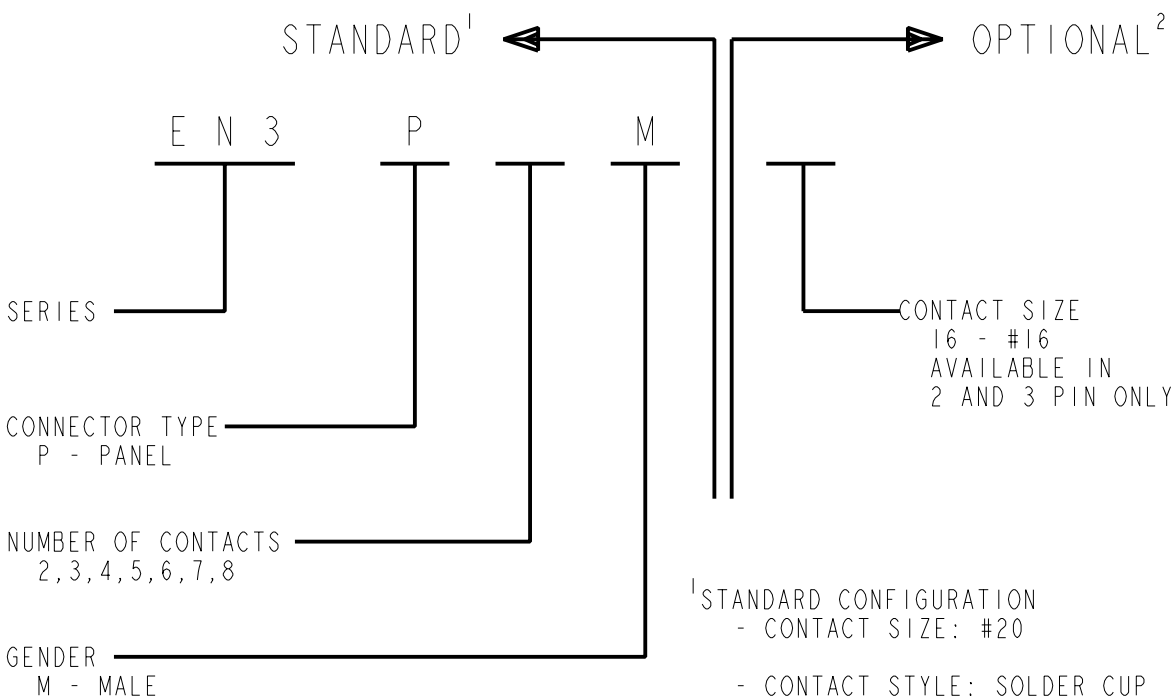
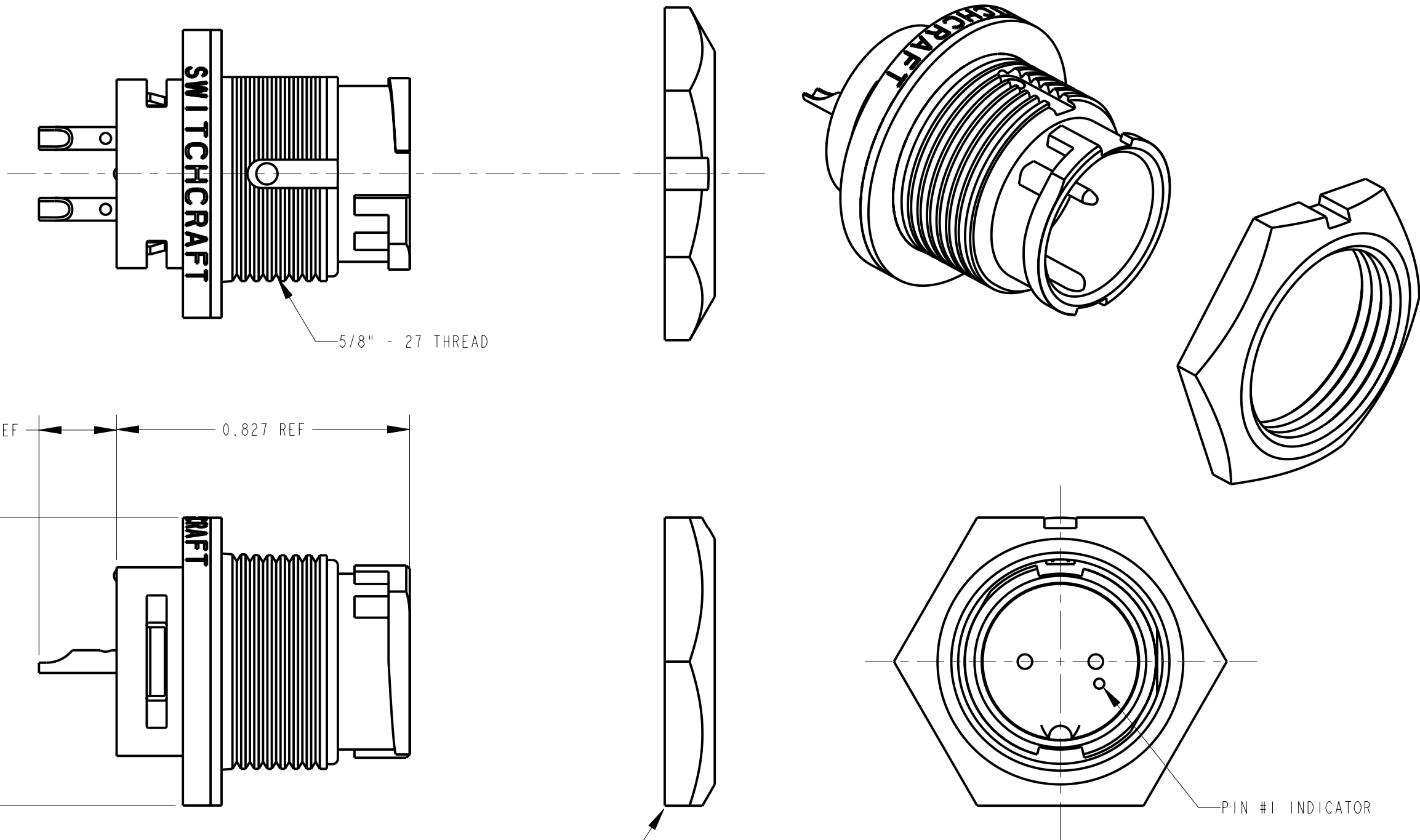
HEX NUT: THERMOPLASTIC

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

REV	ECO NUMBER	DATE	BY	APVD
G	24661	3-4-04	JL	EB
F	23595	2-6-01	JL	DK
E	22232	4-30--98	SG	RB
D	ECO #21461	12-2-96	MM	FL
C	ECO #19815	10-9-95	RC	KS
B	FIRST DRAWN	1-28-95	SG	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		MATERIAL		
SPEC No.		SPEC No.		
FIRST USED ON		SCALE		
DATE DRAWN		3:1		
1-28-95	SG	CHKO	APVD	
		SG	FL	
		2-27-95	2-27-95	
NAME				PART No.
MALE PANEL CONNECTORS				EN3P_M
EN3P_M SERIES				REV
				G

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