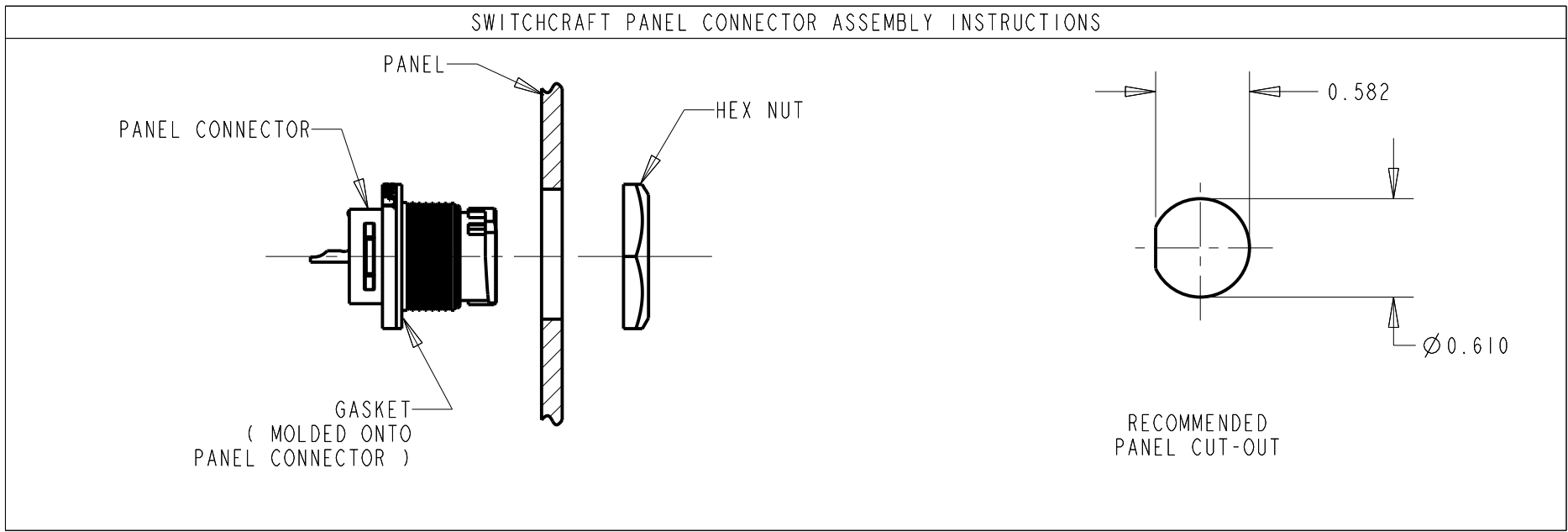




SPECIFICATIONS

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)
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

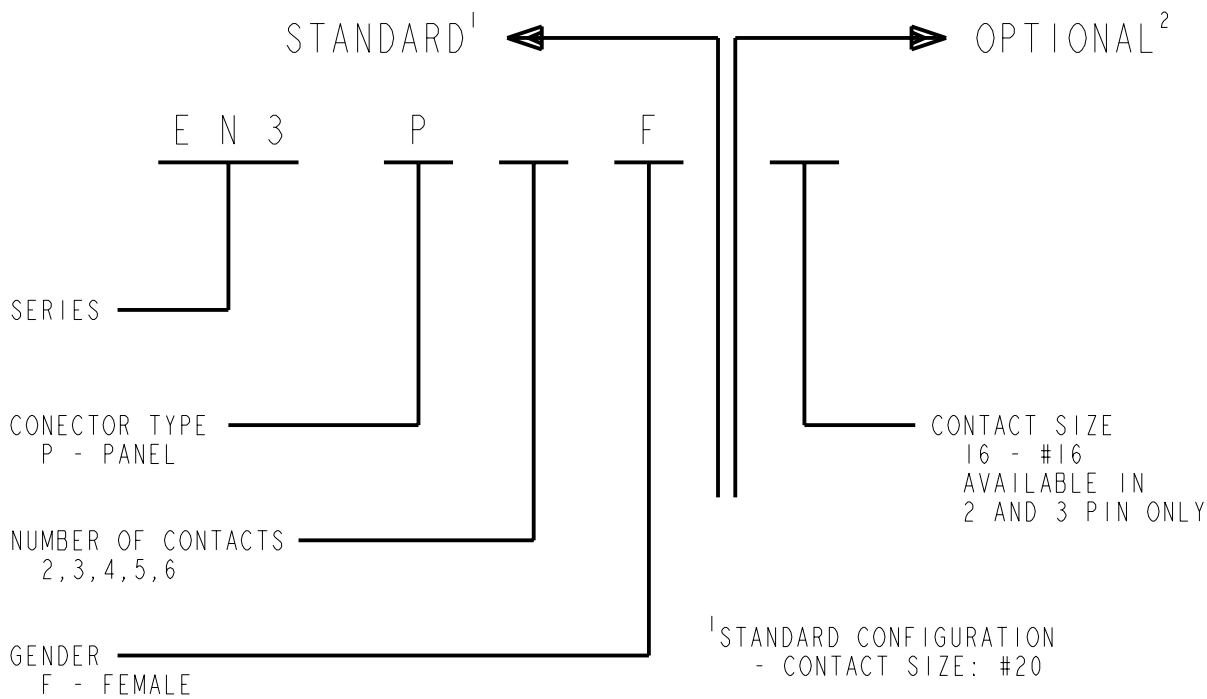
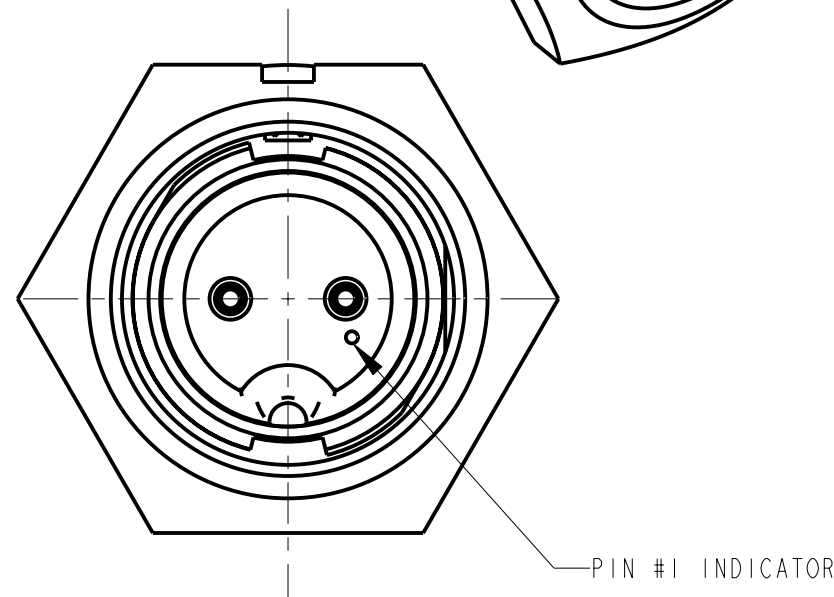
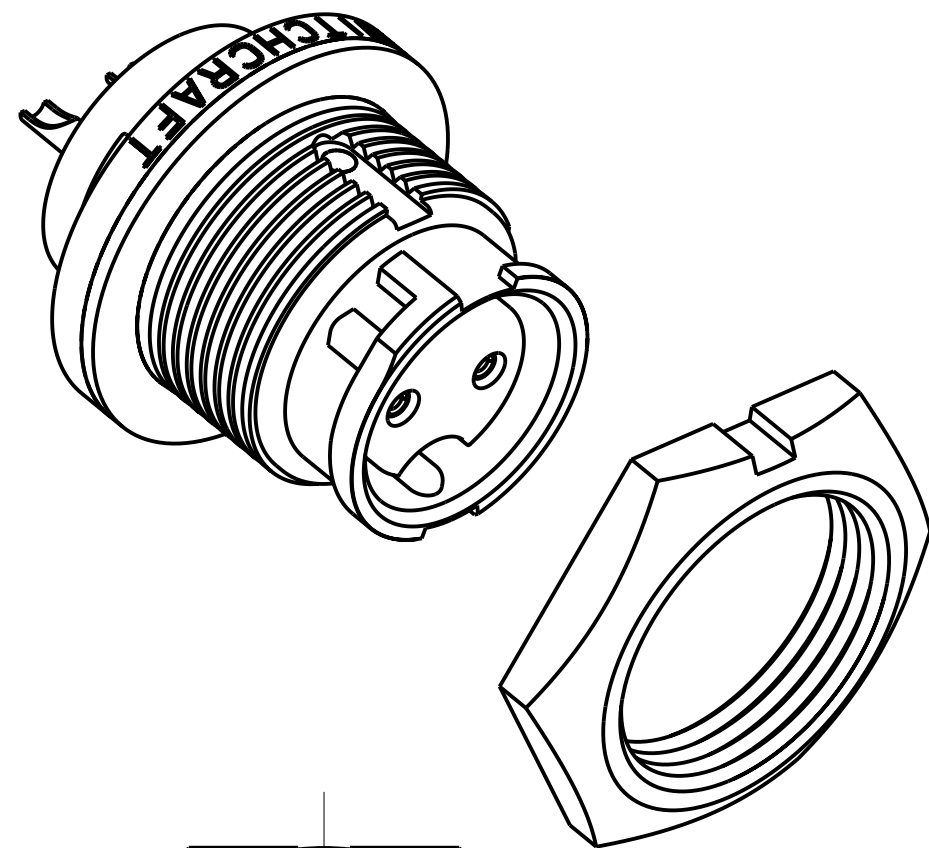
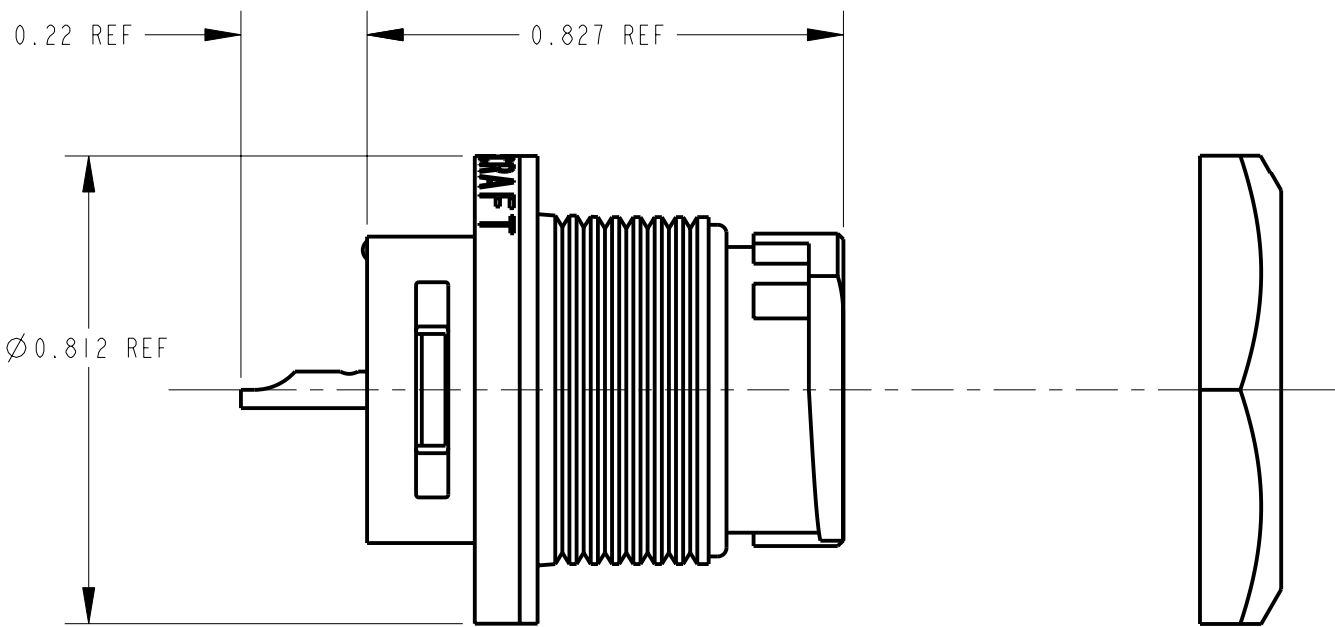
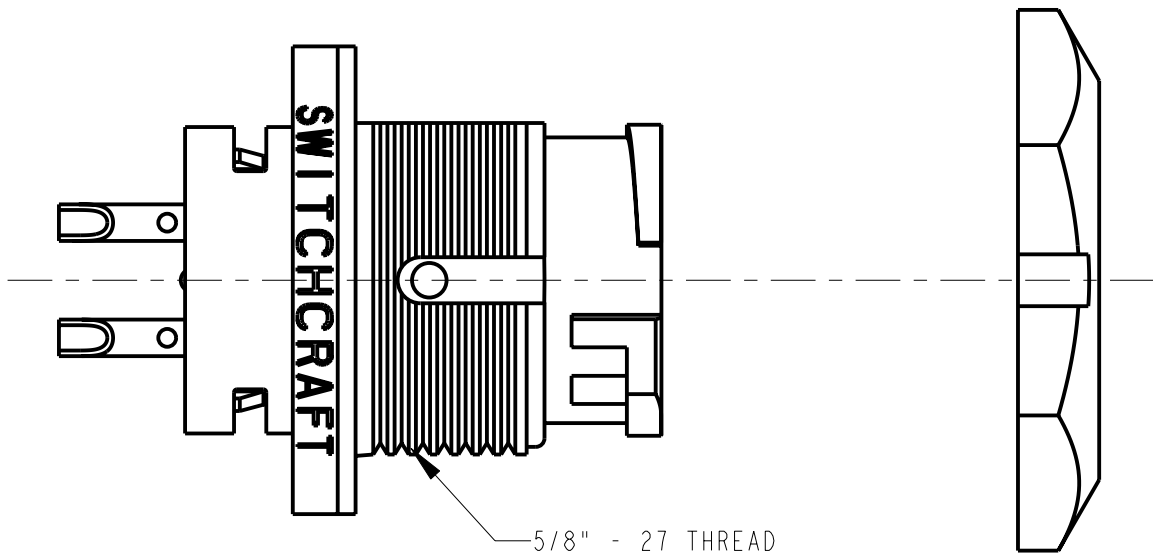
Ⓔ HEX NUT: THERMOPLASTIC

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
FEMALE 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

H	24661	3-4-04	JL	EB
G	ECO #23595	1-31-01	TJK	TJK
F	ECO #22232	2-23-98	SG	SC
E	ECO #21577	12-30-93	MM	FL
D	ECO #21461	12-2-96	MM	FL
C	ECO #19818	10-9-95	RC	KS
B	FIRST DRAWN	1-28-95	SG	FL
REV	ECO NUMBER	DATE	BY	APVD
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		SPEC No.	
FIRST USED ON	SCALE		3:1	
DATE DRAWN	BY	CHKD	APVD	
1-28-95	SG	2-27-95	FL	
NAME				PART No.
FEMALE PANEL CONNECTORS				EN3P_F
FEN3P_F SERIES				REV
				H