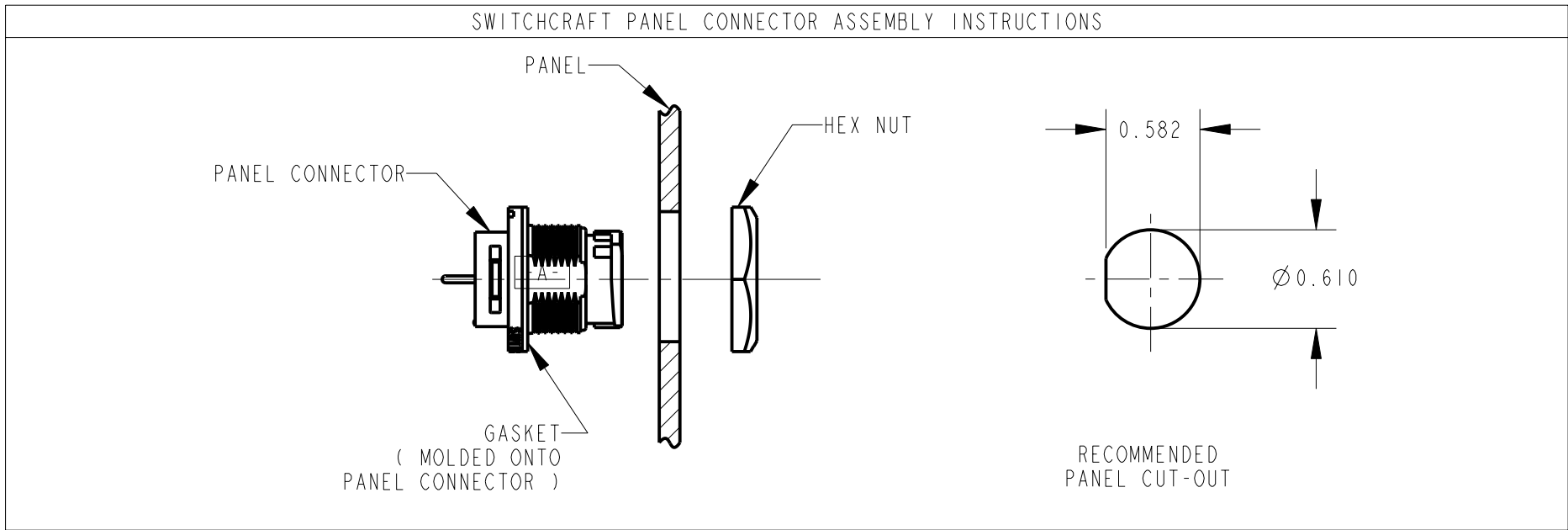




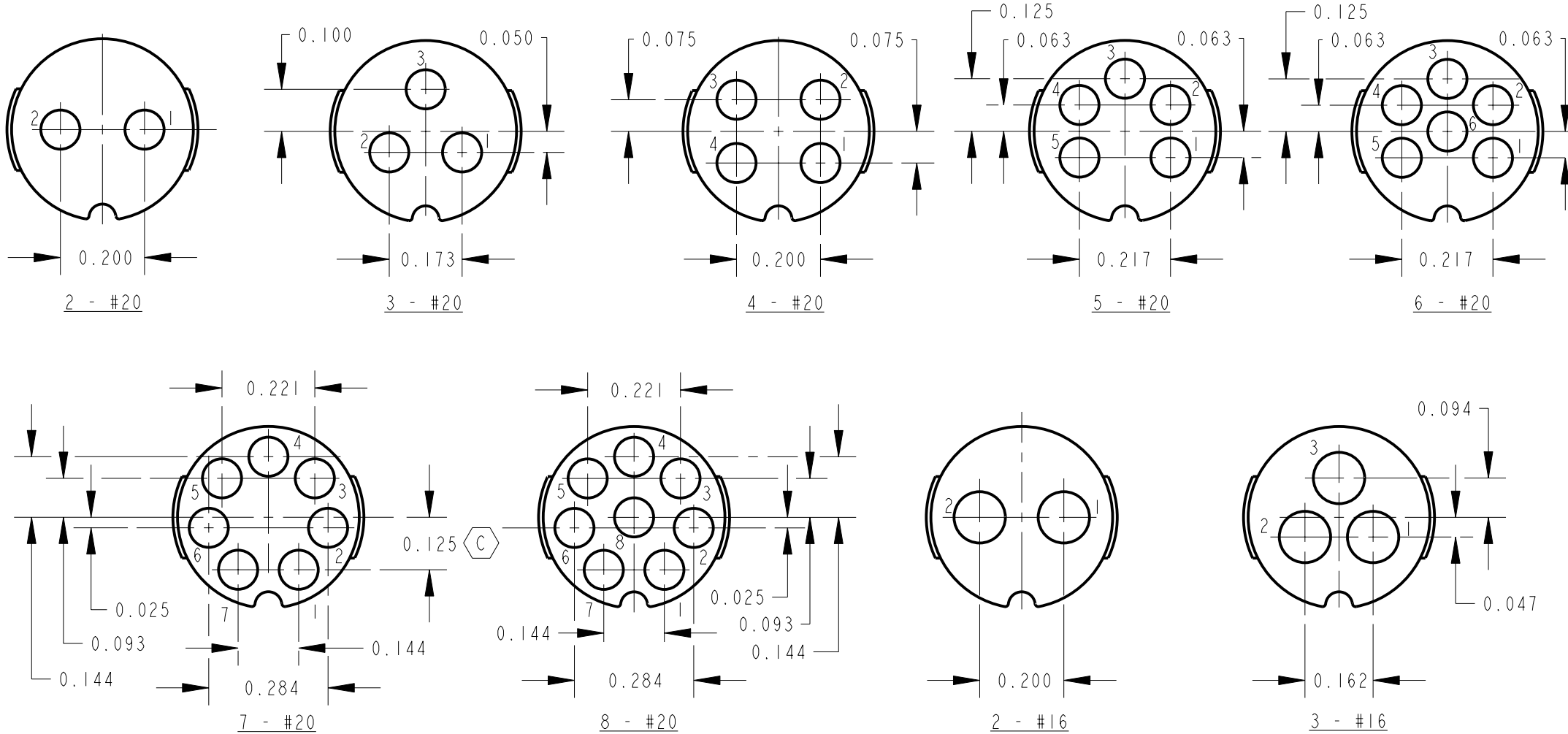
SPECIFICATIONS

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

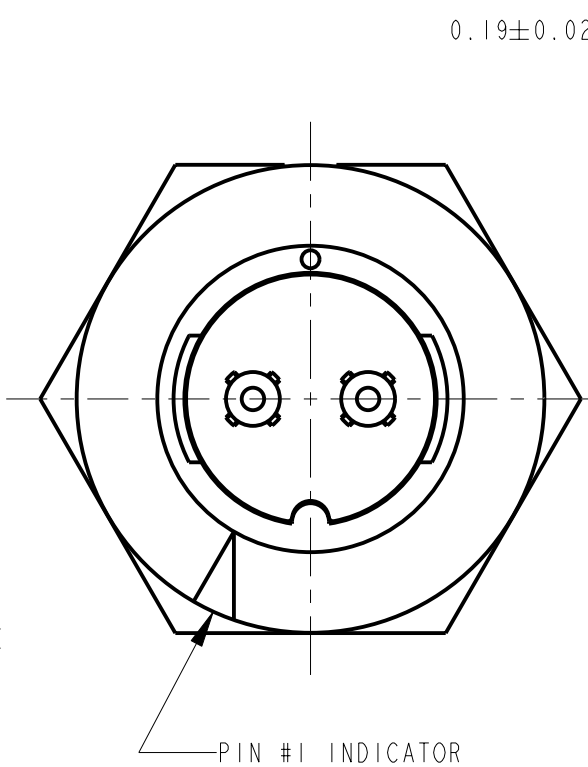
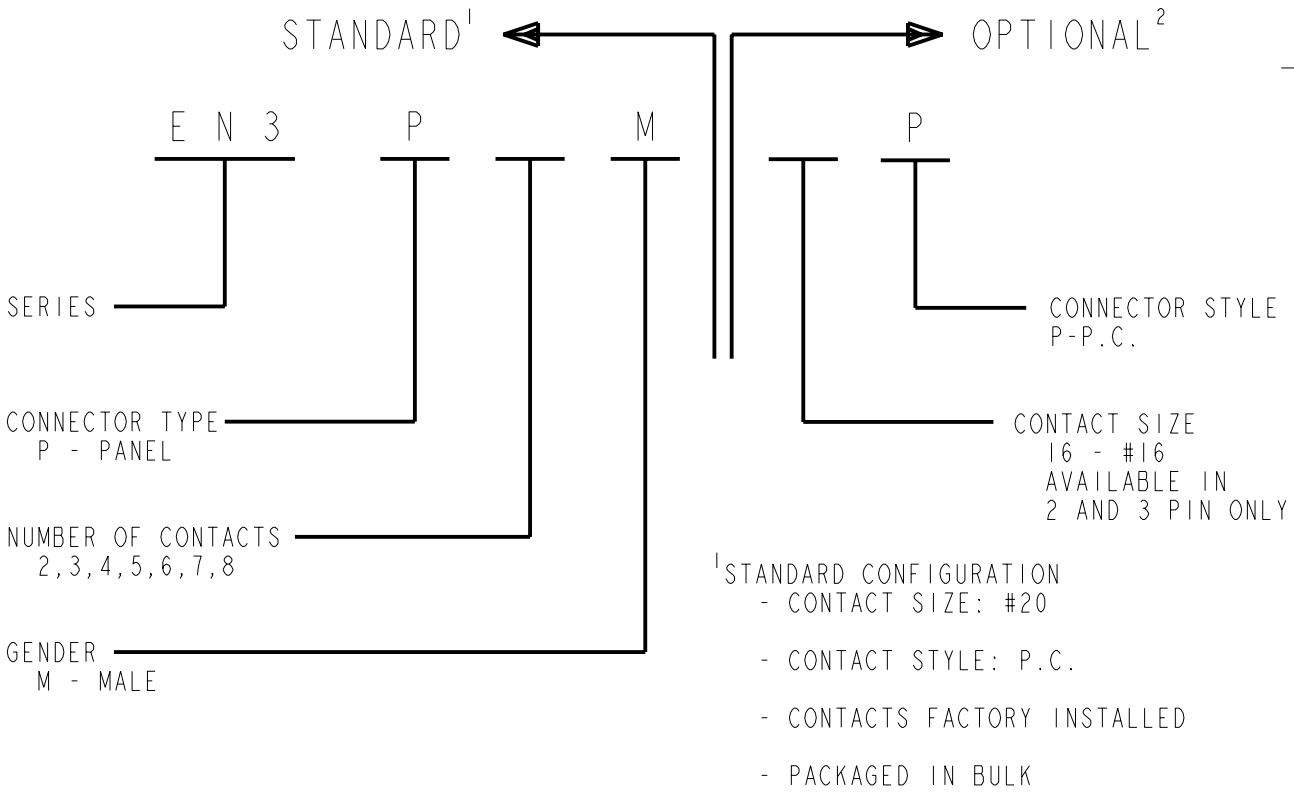
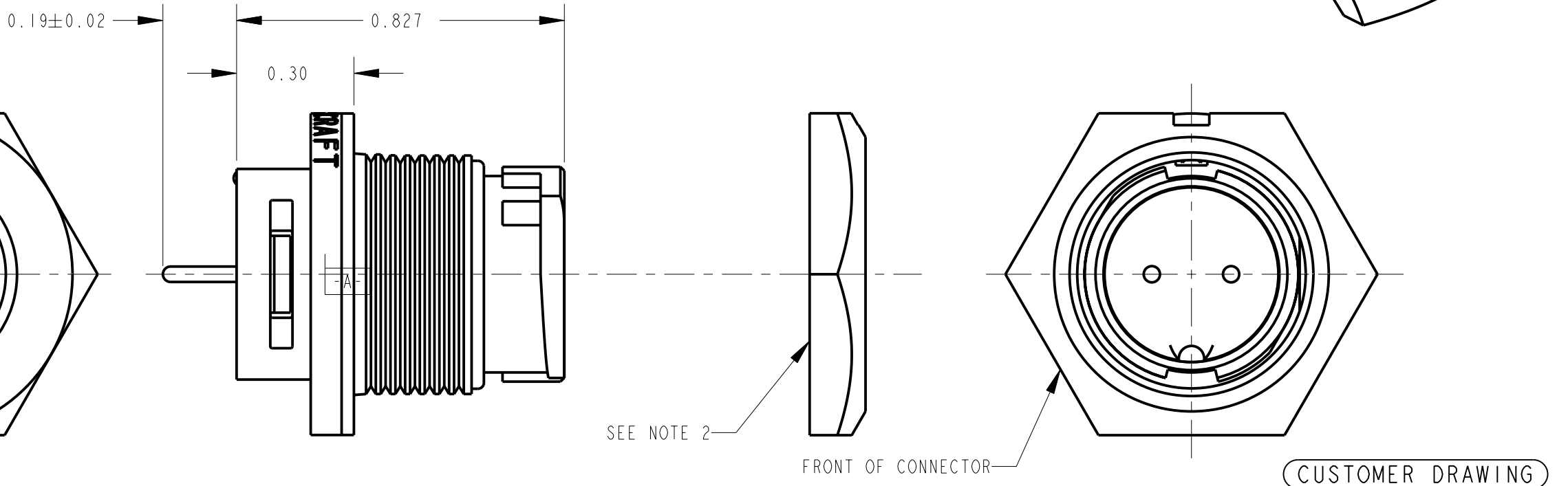
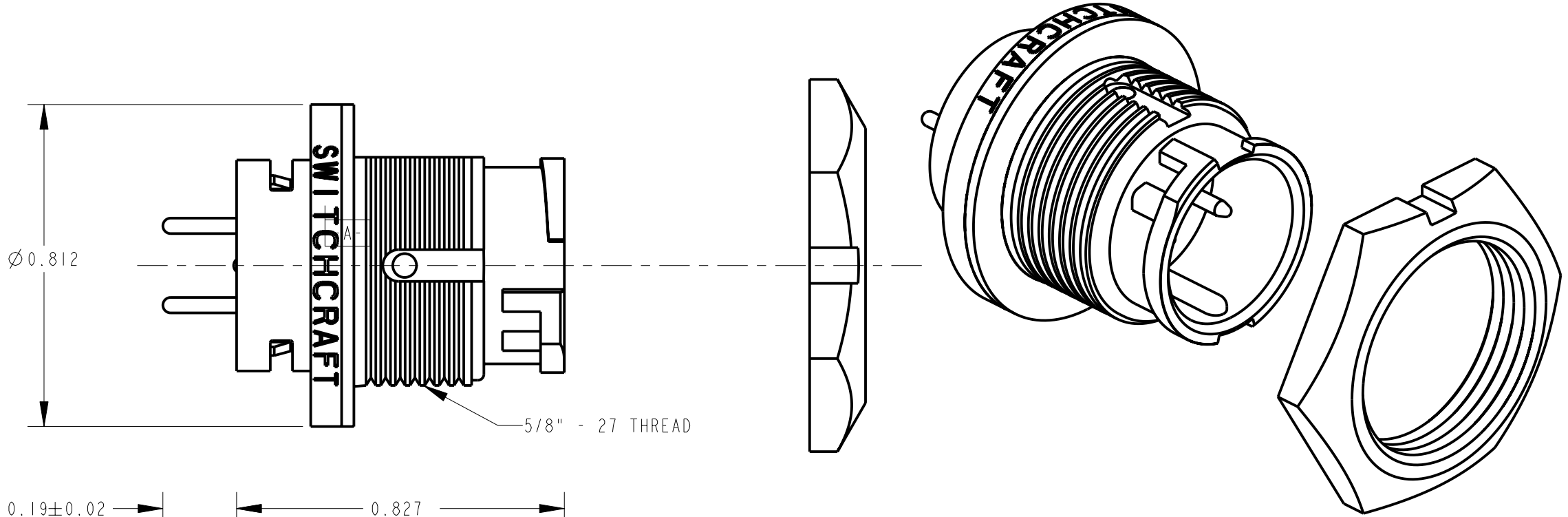
ELECTRICAL
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.
CURRENT RATING: 7.5 AMPS (#20 CONTACT)
6.5 AMPS (7 & 8 PIN #20 CONTACT)
13.0 AMPS (#16 CONTACT)

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

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



HOLE LAYOUTS VIEWED FROM FRONT OF CONNECTOR
RECOMMENDED HOLE SIZE: #20 CONTACT: .046" DIA.
#16 CONTACT: .055" DIA.



					★ 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.					
F	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	
E	23595	2-6-01	JL	DK		FINISH	MATERIAL				
D	22232	2-20-98	SG	SC		SPEC No.	SPEC No.				
C	ECO #21600	4-18-97	OM	FL		FIRST USED ON	SCALE	3:1			
B	ECO #21461	11-1-96	MM	FL		DATE DRAWN	BY	CHKD	APVD	Switchcraft®	
A	RELEASE TO MFG. ECO #21376	9-19-96	SG	FL	3-8-96	CCB	CCB	FL	3-14-96		
REV	ECO NUMBER	DATE	BY	APVD	NAME	PART No.				REV	
REVISIONS					DO NOT SCALE DRAWING	MALE PANEL CONNECTOR				EN3P_M_P	F
						SHEET 1 OF 1					