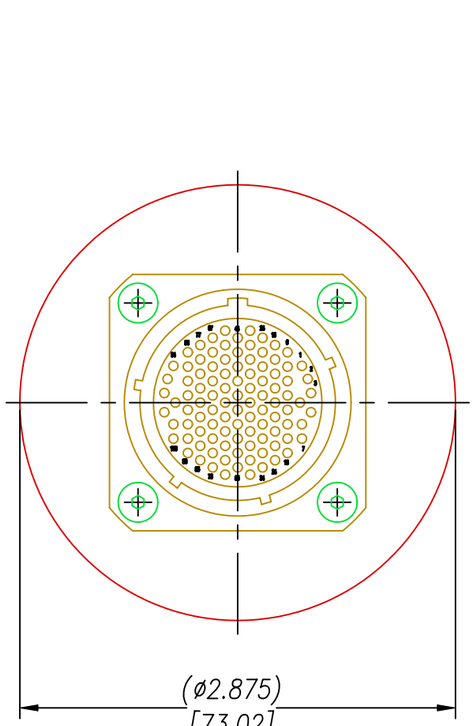

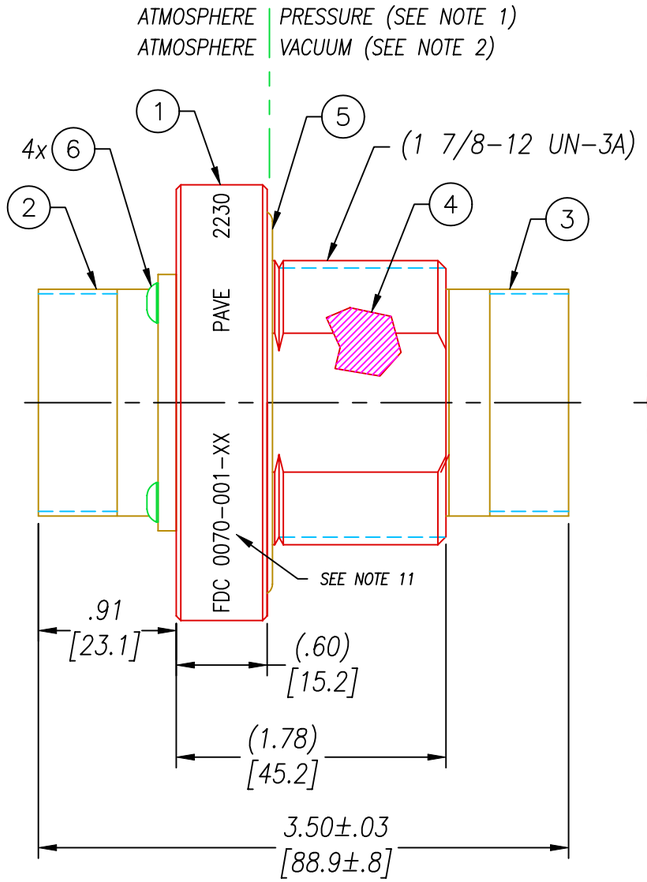

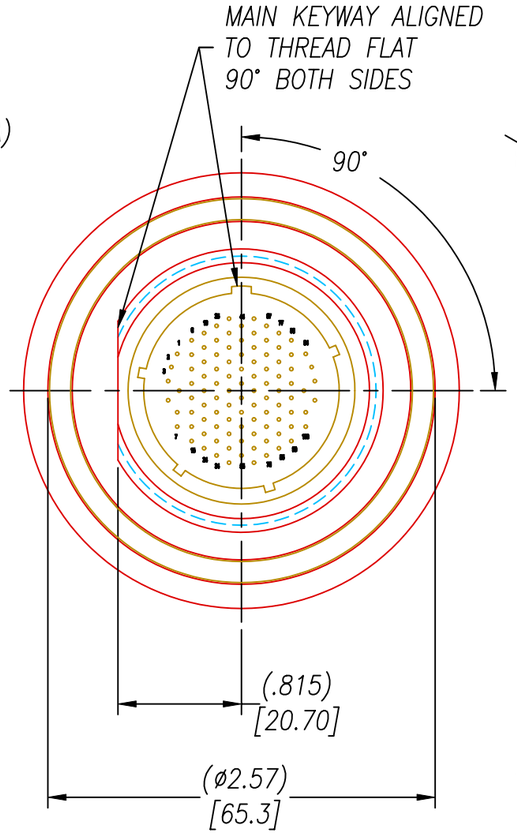

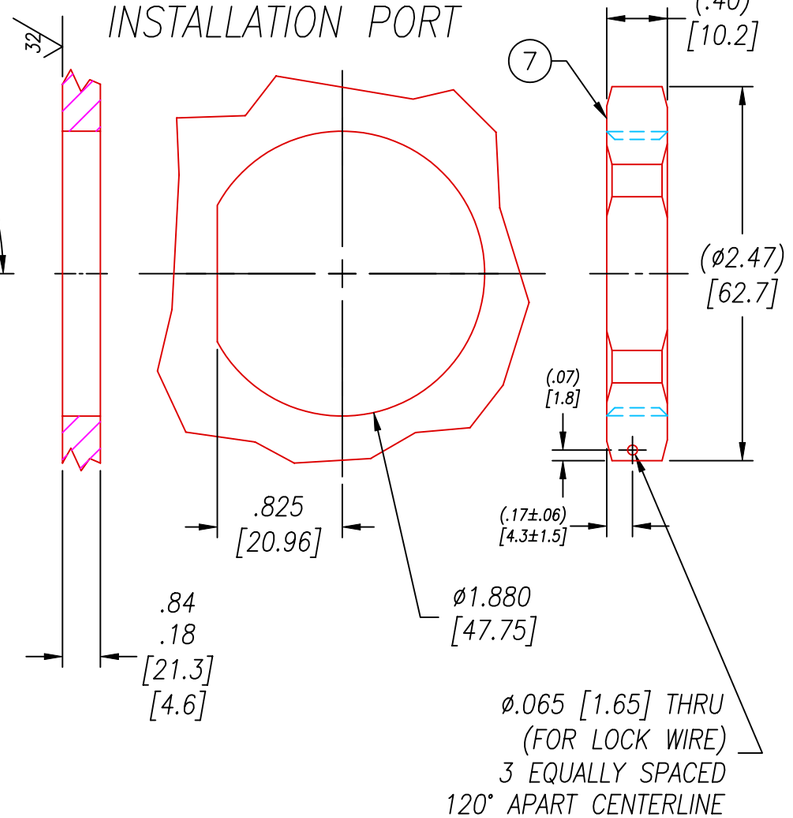

NOTES:

1. LEAK TEST: 300 PSI, NO BUBBLES 10 MINUTES MINIMUM. NO O-RING LUBRICATION.
2. HELIUM LEAK TEST: @1 ATM. 10x10^-8 cc/S OR LESS. NO O-RING LUBRICATION.
3. 500 VDC HYPOT 500 MΩ 5 SEC MINIMUM, PIN TO PIN & HOUSING WITH MATING PLUGS.
4. 600 VAC HYPOT FOR 2 SECONDS MINIMUM 2mAMPS MAXIMUM LEAKAGE FROM PIN TO ALL OTHERS & HOUSING.
5. CONTINUITY TEST: <0.020 Ω MATING PIN TO RESPECTIVE MATING SOCKET.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE PRIOR TO & AFTER THERMAL CYCLING.
7. ALL PARTS MUST PASS ALL TESTS.
8. ONE PART SHALL BE QUALIFIED BY THERMAL CYCLING TO OPERATING TEMERATURE RANGE PER NOTE 9 EXCEPT FOR 10 CYCLES.
9. ALL PARTS SHALL BE THERMALLY CYCLED FROM 0°C TO 55°C FOR 1 HOUR HOLD FOR 5 CYCLES. A CYCLE SHALL CONSIST OF ONE EXCURSION FROM LOW TO HIGH TEMPERATURE USING A SLOW RAMP OF 1°C/MINUTE & ONE EXCURSION FROM LOW TO HIGH TEMPERATURE USING A FAST RAMP OF 3°C/MINUTE. THERMAL RAMPS MUST BE HELD WITHIN .56°C/MINUTE & LESS THAN 5°C/MINUTE.
10. REF-MATING PLUGS: 26FH35PN & 26FH35SN ARE NOT INCLUDED OR SHOWN.
11. "-XX" TO BE CONSECUTIVE, NON-REPETITIVE SERIAL NUMBER. START AT "-01" & INCREMENT ACCORDINGLY.
12. DIMENSIONS ARE INCHES [millimeters].

ITEM	QTY	PART#	DESCRIPTION
7	1	0185	NUT VS26-SS
6	4	6-32X.43BHCSSS	SCREW 6-32X..43 BUTTON HD SOC SS
5	1	-228 VITON	O-RING -228 VITON 75
4	A/R	PAVE-Seal 200FR	EPOXY BLACK HI-TEMP FIRE RETARD
3	1	20FH35PN	RCPT 100#22 PIN 999 SERIES III
2	1	20FH35SN	RCPT 100#22 SOC 999 SERIES III
1	1	2294	HOUSING VS26FLT-SS ROUND W/FLAT

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
.X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005
ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

PAVE technology co.
2751 Thunderhawk Court
Dayton, Ohio 45414-3445
U.S.A.
(937)890-1100
fax (937)890-5165
www.pavetechnologyco.com

DESCRIPTION PAVE-Mate® I Connectors

VS26FLT-SS-200FR-100-22-99920SPN

PART NUMBER 2230

REVISON LEVEL B

PROJECTION