



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
QUALIFICATION ONLY: 1500 VAC 5mA MAXIMUM LEAKAGE 1 MINUTE MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE, WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
<= .5 [12.7] SEAL DIAMETER: ϕ .035 [1.27] MAX ALLOWED VOID SIZE
> .5 [12.7] SEAL DIAMETER: ϕ .060 [1.52] MAX ALLOWED VOID SIZE
7. DIMENSIONS ARE INCHES [millimeters].
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
11. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

PAVE#	ITEM 5
2806	EE14 BLACK
2806-1	EE14 BLUE

ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	RR 5100-75-HST	RETAINING RING EXTERNAL .750SS
7	1	EE14 WHITE	WIRE 14EE MIL-W-16878/5 19/#27
6	1	EE14 RED	WIRE 14EE MIL-W-16878/5 19/#27
5	1	SEE TABLE	WIRE 14EE MIL-W-16878/5 19/#27
4	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
3	1	-016 VITON	O-RING -016 VITON 75
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	0130	HOUSING SPF12-E

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DESCRIPTION
SPF12-E-200-3-TEE14-18-18

PART NUMBER *SEE TABLE MATERIAL NOTED
2806*

REVISION LEVEL D PROJECTION

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