



NOTES:

1. LEAK TEST: 1587: 80 PSI, NO BUBBLES 1 MINUTE MINIMUM.
1587-1: 600 PSI, NO BUBBLES 30 SECONDS MINIMUM & HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS
A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE LEAK TEST(S).
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM ROD TO HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE -20°C TO 150°C .
8. REF-PARTS ARE DEFLASHED ON PARTING LINE $+0.005$ [0.13] MAXIMUM.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

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

5	4	BRASS WASH 1/2"	WASHER 1/2" BRASS
4	4	BRASS NUTS 1/2"	NUT 1/2-20 UNF BRASS
3	1	4191	HOUSING PT16-SS
2	A/R	PAVE-Seal 200 HV	EPOXY BLUE
1	1	0169	ROD .50" COPPER 6.75"
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 PT16-SS-200HV-.5CU-2.4-3.0

PART NUMBER
1587

MATERIAL NOTED

REVISION LEVEL
 G

PROJECTION