



NOTES:

1. LEAK TEST: 7250 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT IN THE PRESSURE SIDE DIVOT INDICATES THE PART HAS PASSED THE TEST.
2. QUALIFICATION ONLY: HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM SOLDER CUP TO SOLDER CUP.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
6. REF-OPERATING TEMPERATURE RANGE -20 °C TO 200 °C.
7. DIMENSIONS ARE INCHES [millimeters].
8. 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.
9. FOR A ϕ .675 [17.15] THROUGH-HOLE IN PORT, MAXIMUM PRESSURE FOR SEAL IS 2400 PSI. FOR A ϕ .620 [15.75] THROUGH-HOLE IN PORT, MAXIMUM PRESSURE FOR SEAL IS 5100 PSI.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +.005 [.13] MAXIMUM.

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

5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	2	-016 BUNA	O-RING -016 BUNA 75
3	4	B/U-016 TEFLON	BACK UP RING -016 SINGLE TURN SCARF CUT
2	4	5959	SOLDERCUP-SOLDERCUP #22-26 GOLD-PLATED
1	A/R	PAVE-Seal 200UL94	EPOXY BLACK
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
 SP12MH-E-200UL94-4-22-SC-SC

PART NUMBER
5840

MATERIAL NOTED

REVISION LEVEL
 D

PROJECTION