



NOTES:

- HE LEAK TEST @ 1 ATM.  $1 \times 10^{-7}$  CC/SEC OR LESS WITH -021 VITON O-RING, SECURED WITH TWO 2-56 SCREWS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- 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
- REF-OPERATING TEMPERATURE  $-20^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
- DIMENSIONS ARE INCHES [millimeters].
- 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  $\pm 0.5$   
 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

ITEM	QTY	PART NUMBER	DESCRIPTION
3	1	S46610220008000	HEADER 20 #22 PINS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5565	PLATE TOP SS SP29/8

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DESCRIPTION  
 SP29/8-E-150-20-22-PIN-PIN

PART NUMBER  
**5551**

MATERIAL NOTED

REVISION LEVEL  
 B

PROJECTION