



O-RING GROOVE
DETAIL A
SCALE 4 : 1

PINOUT	
ATM	VAC
1	9
6	5
2	8
7	4
3	3
4	7
8	2
5	6
9	1
SHELL	SHELL

- NOTES:
- HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
 - HYPOT 500 VDC 200 MEGOHMS MINIMUM 0.01 SECOND MINIMUM SOCKET TO SOCKET AND TOP PLATE WITH MATING CONNECTORS.
 - CONTINUITY TEST 0.5 OHM MAXIMUM SOCKET TO SOCKET AND SHELL TO SHELL TO MATING CONNECTORS.
 - 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 RANGE -20°C TO 125°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.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	-019 VITON	O-RING -019 VITON 75
4	4	JACKPOST 2-56	"P" STYLE 2-56 UNC
3	2	M83513/02-AN	CONNECTOR 9 SOC 83513 MICRO D
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3515	PLATE TOP SS MICRO D 9 PIN

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DESCRIPTION
 SP26/11-E-150-9-26-M83513SS

PART NUMBER
5745

MATERIAL NOTED

REVISION LEVEL -

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