



NOTES:

1. HE LEAK TEST VACUUM 10×10^{-7} CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN TO SHELL AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST WITH MATING CONNECTORS $<.5\Omega$: PIN TO SOCKET AND PLUG SHELL TO RECEPTACLE SHELL.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C .
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. DIMENSIONS ARE INCHES [millimeters].
10. FOR CONNECTOR CLOCKING, ADD THE CLOCKING LETTER TO THE END OF THE PART NUMBER AND THE CONNECTOR (PLUG & RECEPTACLE) PART NUMBERS: N FOR NORMAL, OR A, B, C, ETC.
11. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

CONNECTOR GENDER OPTION TABLE (PINS/SOCKETS)

PART #	4456SP	4456PS
PLUG #	26FH53S	26FH53P
RCPT #	20FH53P	20FH53S

FOR CLOCKING, SEE NOTE 10

6	1	0185	NUT VS26-SS
5	1	-226 VITON	O-RING -226 VITON 75
4	1	SEE TABLE	RCPT 53#20
3	1	SEE TABLE	PLUG 53#20
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1531	HOUSING VS26-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION
 VS26-SS-150-53-20-99926/20

PART NUMBER
4456

MATERIAL NOTED

REVISION LEVEL -

PROJECTION