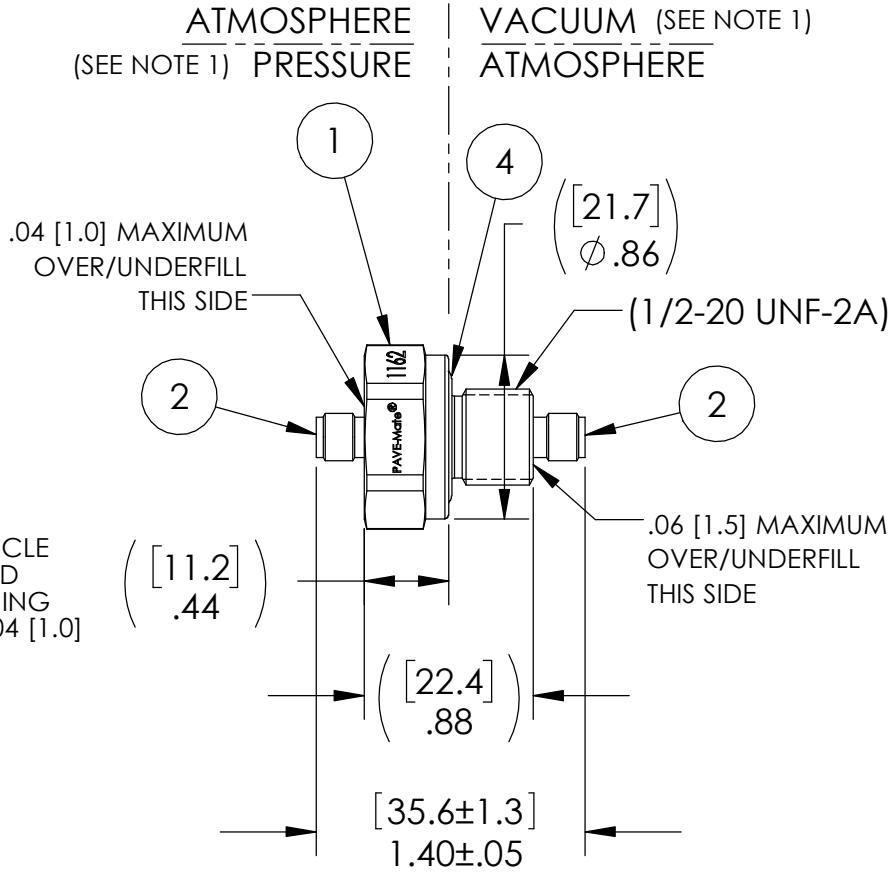
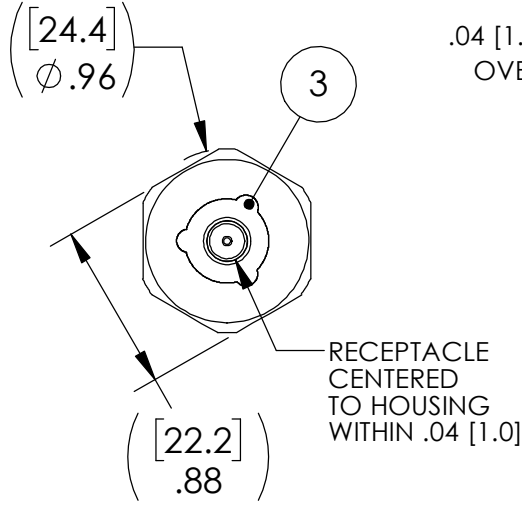
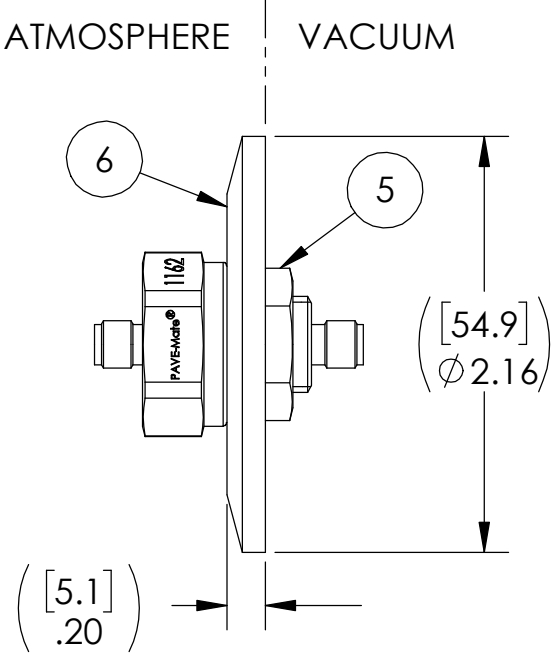
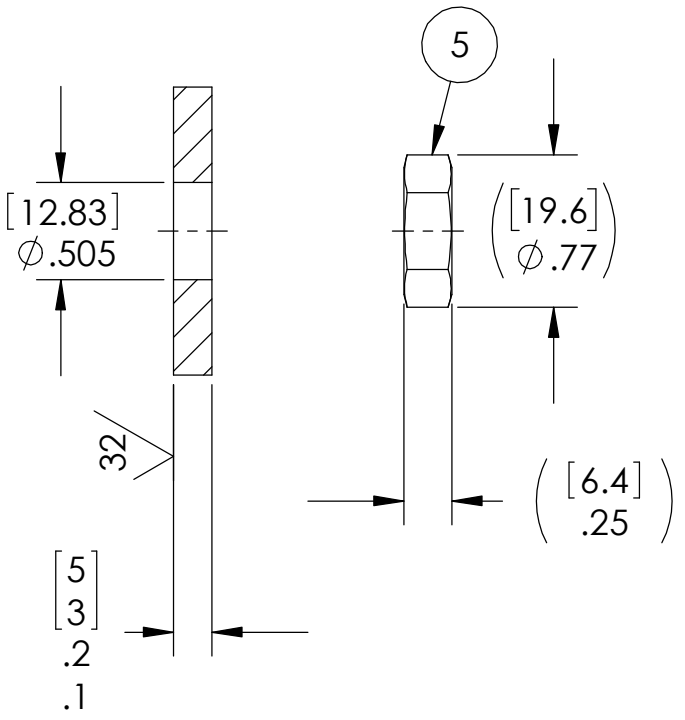


1162-NW40
SEE NOTE 11



VS8 INSTALLATION PORT



- NOTES:
- LEAK TESTING, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST: FOR 1162, 1162-2, & 1162-NW40: HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. FOR 1162-1 ONLY: LEAK TEST 2000 PSI, NO N2 BUBBLES 5 MINUTES MINIMUM. FOR 1162-3 ONLY: LEAK TEST 3000 PSI, NO N2 BUBBLES MINUTE MINIMUM.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO SMA SHELL TO HOUSING WITH MATING CONNECTORS. HOUSING IS ISOLATED FROM SMA SHELL.
 - REF-FOR USE AT FREQUENCIES LESS THAN 1GHz.
 - 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:
<= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
> .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
 - DIMENSIONS ARE INCHES [millimeters].
 - REF-OPERATING TEMPERATURE RANGE SEE TABLE.
 - 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.
 - ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 - 1162-NW40 ONLY: SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 6 (NW40 ADAPTER).

PAVE#	ITEM 4	ITEM 4 DESCRIPTION	TEMPERATURE
1162	-112 VITON	O-RING -112 VITON 75	-20°C TO 125°C
1162-1	-112 VITON	O-RING -112 VITON 75	-20°C TO 125°C
1162-2	-112 BUTYL	O-RING -112 BUTYL 70	-60°C TO 121°C
1162-3	-112 VITON	O-RING -112 VITON 75	-20°C TO 125°C
1162-NW40	-112 VITON	O-RING -112 VITON 75	-20°C TO 125°C

6	1	5457 SEE NOTE 11	HOUSING NW40-SS VS8 ADAPTER
5	1	0894	NUT VS8-SS
4	1	SEE TABLE	SEE TABLE
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	2	AMPH #901-9215	RCPT SMA AMPHENOL OR EQUAL
1	1	3395	HOUSING VS8-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

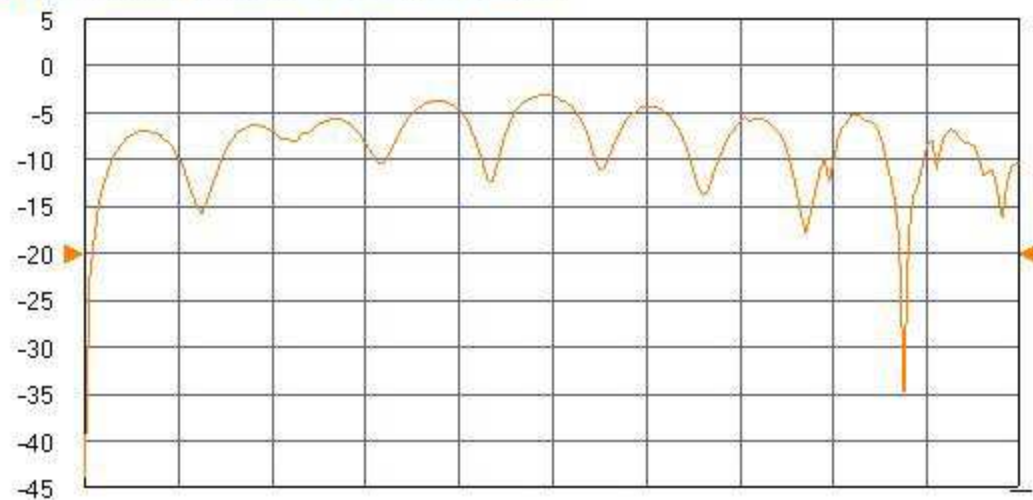


2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

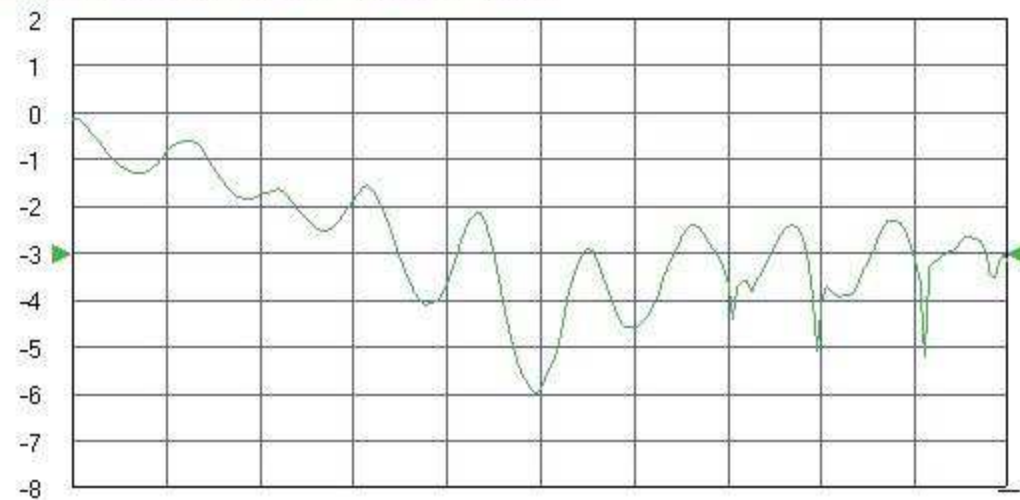
DESCRIPTION	VS8-SS-150-1-SMA-SMA		
PART NUMBER	*SEE TABLE & NOTE 11	MATERIAL	NOTED
1162		REVISION LEVEL	R
		PROJECTION	

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

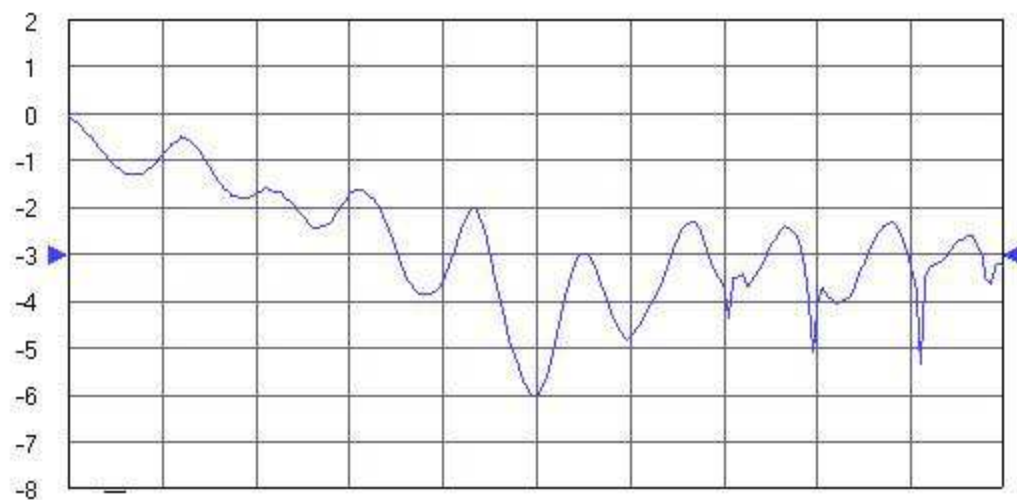
Tr1 S11 Refl LogM RefLvl: -20 dB Res: 5 dB/Div



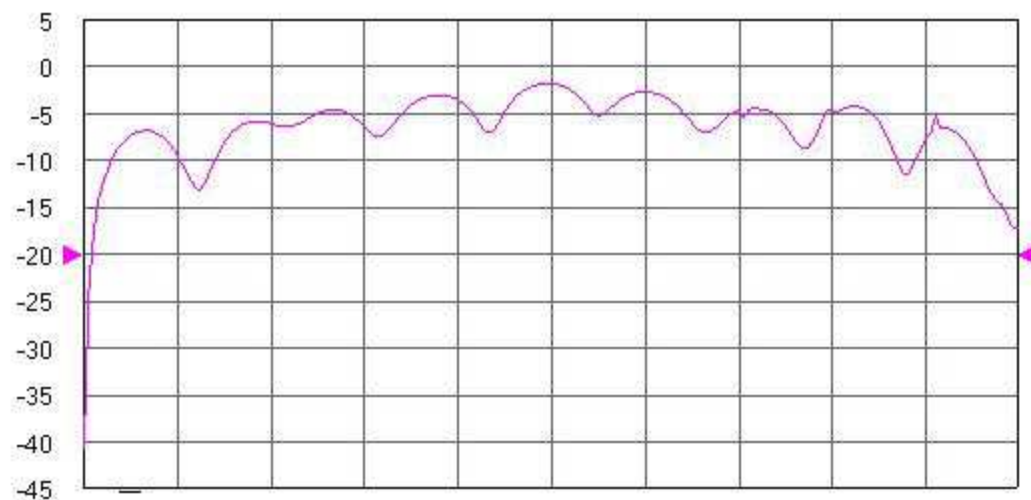
Tr2 S12 Trans LogM RefLvl: -3 dB Res: 1 dB/Div

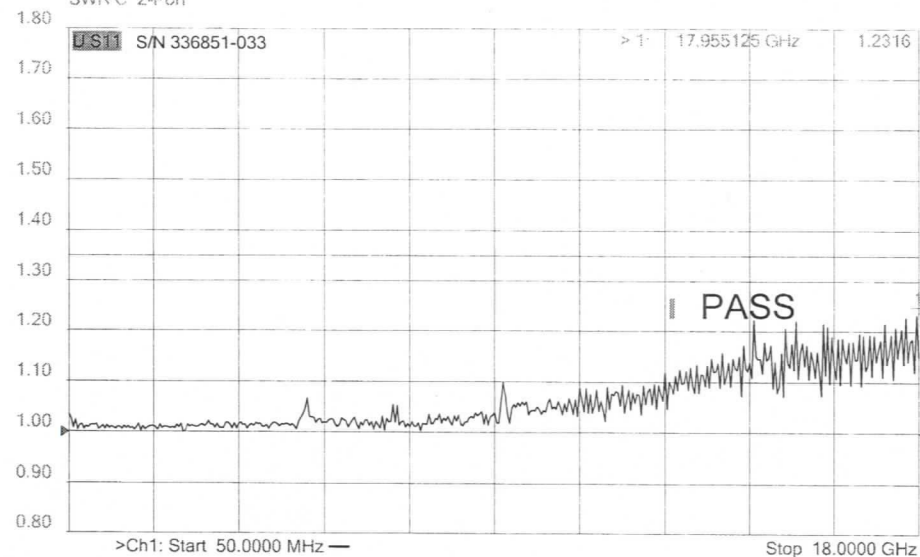
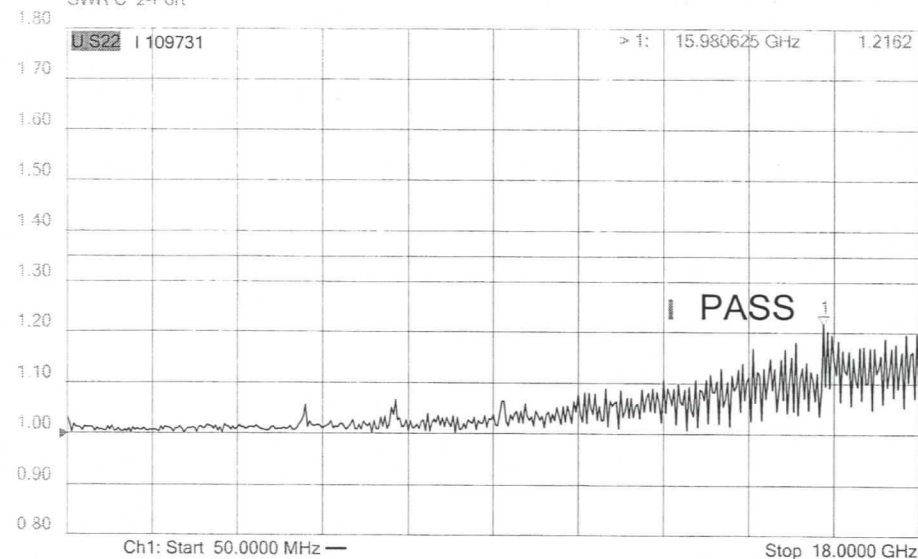
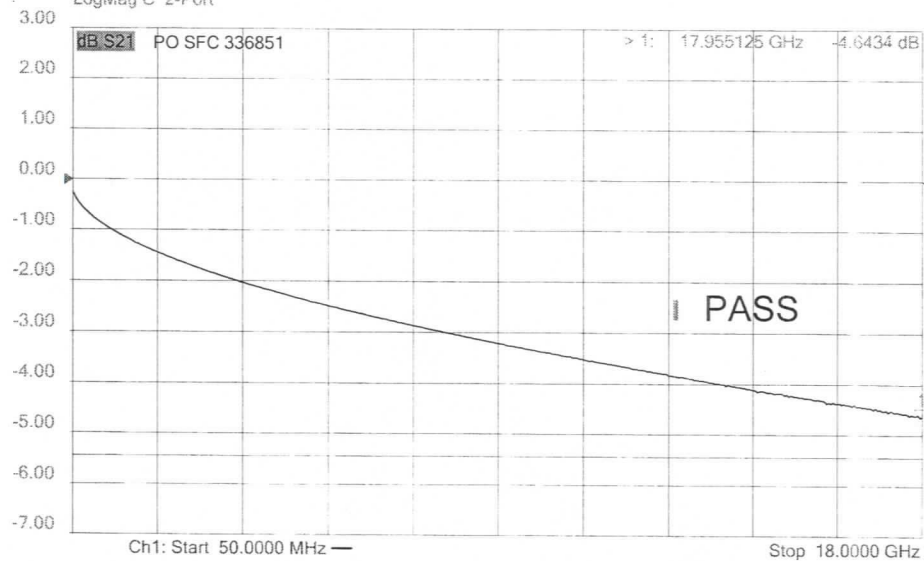
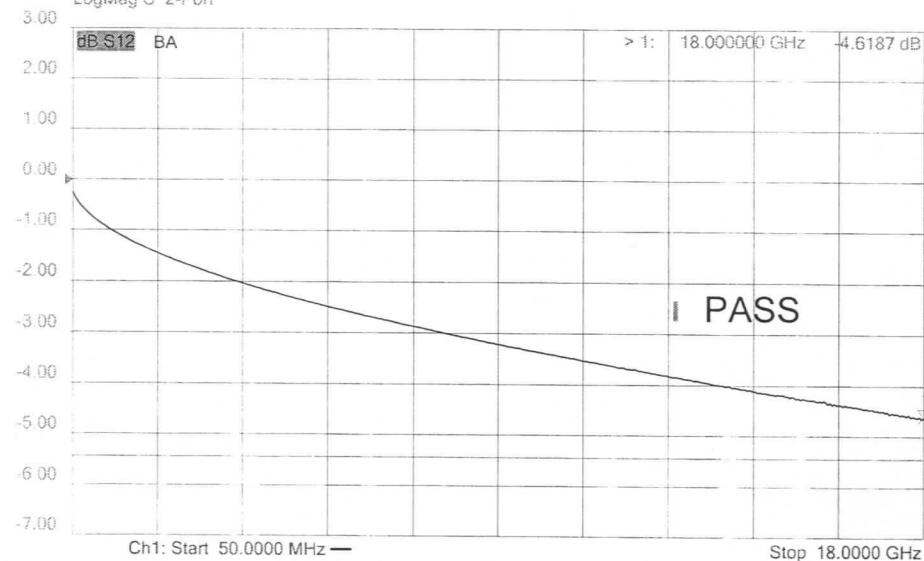


Tr3 S21 Trans LogM RefLvl: -3 dB Res: 1 dB/Div



Tr4 S22 Refl LogM RefLvl: -20 dB Res: 5 dB/Div



Window 1 (1) S11 Units
SWR C 2-PortWindow 2 (1) S22 Units
SWR C 2-PortWindow 3 (1) S21 dB
LogMag C 2-PortWindow 4 (1) S12 dB
LogMag C 2-Port

Trace Attributes

Window	ID	Trace	Channel	Correction	Options	Marker	Position	Response
1	1	S11	1	C 2-Port		1	17955.125 MHz	1.2316
2	1	S22	1	C 2-Port		1	15980.625 MHz	1.2162
3	1	S21	1	C 2-Port		1	17955.125 MHz	-4.6434 dB
4	1	S12	1	C 2-Port		1	18000 MHz	-4.6187 dB