



NOTES:

1. LEAK TEST:
1758: HE LEAK TEST @1 ATM 10X10⁻⁷ CC/SEC OR LESS.
1758-1: 1500 PSI, NO N₂ BUBBLES 10 SECONDS MINIMUM, PRESSURE IS APPLIED ON THE HEX SIDE (ATMOSPHERE).
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST <1.0 OHM WITH MATING CONNECTORS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. VOIDS LARGER THAN $\varnothing 0.035$ [0.89] ARE NOT ACCEPTABLE.
7. ITEMS 7 & 8 ARE INCLUDED BUT NOT SHOWN. ADDING "NP" TO THE PAVE PART NUMBER & DESCRIPTION INDICATES THAT ITEMS 7 & 8 ARE NOT TO BE INCLUDED, NO PLUGS.
8. 1758R IS REVERSED WITH SOCKETS ON THE HEX/ATMOSPHERE SIDE & PINS ON THE THREAD/VACUUM SIDE.
9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

8	1	SCP06AM36-78S	*SEE NOTE 7 PLUG 12#8/2#16 SOC ELECTROLESS NICKEL PLATED WITH S/R BLACK INSERT ONLY
7	1	SCP06AM36-78P	*SEE NOTE 7 PLUG 12#8/2#16 PIN ELECTROLESS NICKEL PLATED WITH S/R BLACK INSERT ONLY
6	1	0102	NUT VS32-SS
5	1	-231 VITON	O-RING -231 VITON 75
4	1	SCP02AM36-78S	RCPT 12#8/2#16 SOC BLACK INSERT ONLY
3	1	SCP02AM36-78P	RCPT 12#8/2#16 PIN BLACK INSERT ONLY
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0101	HOUSING VS32-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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PAVE technology co.

DESCRIPTION
VS32-SS-150-12/2-8/16-3102PS

PART NUMBER
1758

MATERIAL NOTED

REVISION LEVEL
D

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