



NOTES:

- HE LEAK TEST @1 ATM.  $1 \times 10^{-8}$  CC/S OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SEC MINIMUM, PIN TO PIN & HOUSING WITH MATING CONNECTORS.
- CONTINUITY TEST PIN TO SOCKET < 0.5 OHM WITH MATING CONNECTORS.
- ALL TESTS ARE DONE AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- DIMENSIONS ARE INCHES [millimeters].
- REF-OPERATING TEMPERATURE RANGE -20 TO 125°C.
- 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
- 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	SCP06DM2410PA95	PLUG 7#8 PIN GOLD PLATED COPPER ALLOY SC CONTACTS NICKEL PLATED ALUMINUM SHELL & S/R
7	1	SCP06DM2410SA95	PLUG 7#8 SOC GOLD PLATED COPPER ALLOY SC CONTACTS NICKEL PLATED ALUMINUM SHELL & S/R
6	1	0185	NUT VS26-SS
5	1	-226 VITON	O-RING -226 VITON 75
4	1	SCP02ZM2410SA95	RCPT 7#8 SOC GOLD PLATED COPPER ALLOY SC CONTACTS NICKEL PLATED ALUMINUM SHELL
3	1	SCP02ZM2410PA95	RCPT 7#8 PIN GOLD PLATED COPPER ALLOY SC CONTACTS NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1531	HOUSING VS26-SS
ITEM	QTY	PART#	DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5  
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005  
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

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**PAVE technology co.**

DESCRIPTION PAVE-Mate® I Connectors  
**VS26-SS-150-7-8-3102PS(AU)**

PART NUMBER  
**2029**

REVISION LEVEL  
**A**

PROJECTION