



- NOTES:**
1. LEAK TEST: 300 PSI, NO BUBBLES 10 MINUTES MINIMUM. NO O-RING LUBRICATION.
 2. HELIUM LEAK TEST: 10^{-7} cc/S AT 1 ATMOSPHERE. NO O-RING LUBRICATION.
 3. 500 VDC HYPOT 500 MW 5 SEC MINIMUM, PIN TO PIN & HOUSING WITH MATING PLUGS.
 4. 600 VAC HYPOT FOR 2 SECONDS MINIMUM 2mAmps MAXIMUM LEAKAGE FROM PIN TO ALL OTHERS & HOUSING.
 - 5a. #16 CONTINUITY TEST: 0.013 W MATING PIN TO RESPECTIVE MATING SOCKET.
 - 5b. COAXIAL CENTER CONTINUITY TEST: 0.020 W MATING PIN TO RESPECTIVE MATING SOCKET FOR A & B
 - 5c. COAXIAL SHIELD CONTINUITY TEST: 0.020 W MATING PIN TO RESPECTIVE MATING SOCKET FOR A & B.
 6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE PRIOR TO & AFTER THERMAL CYCLING.
 7. ONE PART SHALL BE QUALIFIED BY THERMAL CYCLING TO OPERATING TEMPERATURE RANGE PER NOTE 8 EXCEPT FOR 10 CYCLES.
 8. ALL PARTS SHALL BE THERMALLY CYCLED FROM 0°C TO 55°C FOR 1 HOUR HOLD FOR 5 CYCLES. A CYCLE SHALL CONSIST OF ONE EXCURSION FROM LOW TO HIGH TEMPERATURE USING: A SLOW RAMP OF 1°C/MINUTE & ONE EXCURSION FROM LOW TO HIGH TEMPERATURE USING A FAST RAMP OF 3°C/MINUTE. THERMAL RAMP MUST BE HELD WITHIN .56°C/MINUTE & LESS THAN 5°C/MINUTE.
 9. REF- MATING PLUGS: 26FH21PB & 26FH21SB WITH (2) A & B COAXIAL, NOT INCLUDED OR SHOWN (OTHER POSITIONS HAVE #16 CONTACTS).
 10. "-XX" TO BE CONSECUTIVE NONREPTITIVE SERIAL NUMBER. START AT "-01" & INCREMENT ACCORDINGLY.

ITEM	QTY	PART #	DESCRIPTION
12	4X.72	BARE COPPER #22	WIRE 22 BARE COPPER SOLID
11	2	M39029/77-428	CONTACT COAX PIN
10	2	M39029/76-424	CONTACT COAX SOC
9	19@2	BARE COPPER #14	WIRE 14 BARE COPPER SOLID
8	4	6-32X.43BHCSSS	SCREW 6-32X.43 BUTTON HD SOC SS
7	1	20FH21SB	RCPT 21 #16 SOC D38999 CLOCK B
6	1	20FH21PB	RCPT 21 #16 PIN D38999 CLOCK B
5	2@2	RG179	WIRE COAX M17/094 B83264
4	A/R	PAVE-Seal 200FR	EPOXY BLACK
3	1	-228 VITON	O-RING -228 VITON 75
2	1	0185	NUT VS26-SS
1	1	2294	HOUSING VS26-SS ROUND W/FLAT

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/- .5
 .X DECIMAL +/- .1 .XX DECIMAL +/- .02 .XXX DECIMAL +/- .005
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

PAVE Technology Co.
 2751 Thunderhawk Court
 Dayton, Ohio 45414-3445
 U.S.A.
 (937)890-1100
 fax (937)890-5165
 www.pavetechnologyco.com

DESCRIPTION **PAVE-Mate® I Connectors**
VS26FLT-SS-200FR-21-16-99920SPB

PART NUMBER **2232** PROJECTION