



- 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.
 5. CONTINUITY TEST: 0.013 W MATING PIN TO RESPECTIVE MATING SOCKET.
 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: 26FH55PA & 26FH55SA NOT INCLUDED OR SHOWN.
 10. "-XX" TO BE CONSECUTIVE NONREPTITIVE SERIAL NUMBER. START AT "-01" & INCREMENT ACCORDINGLY.

%%C1.875-12 UN-3A X 1.0 MINIMUM
(THREAD PROFILE UNDERCUT IS MAXIMUM PERMISSIBLE & SHOWN)

8	11.46 FT	BARE COPPER #18	WIRE 18 BARE COPPER SOLID
7	4	6-32X.43BHCSSS	SCREW 6-32X.43 BUTTON HD SOC SS
6	1	20FH55SA	RCPT 55 #20 SOC D38999 CLOCK A
5	1	20FH55PA	RCPT 55 #20 PIN D38999 CLOCK A
4	A/R	PAVE-Seal 200FR	EPOXY BLACK HI-TEMP FIRE RETARD
3	1	-228 VITON	O-RING -228 VITON 75
2	1	0185	NUT VS26-SS
1	1	2294	HOUSING VS26FLT-SS ROUND W/FLAT
ITEM	QTY	PART #	DESCRIPTION

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

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PAVE technology

DESCRIPTION PAVE-Mate® I Connectors
VS26FLT-SS-200FR-55-20-99920SPA

PART NUMBER **2231** PROJECTION