



NOTES:

- LEAK TEST: 300 PSI, NO BUBBLES 10 MINUTES MINIMUM. NO O-RING LUBRICATION.
- HELIUM LEAK TEST: @1 ATM. 10×10^{-8} cc/S OR LESS. NO O-RING LUBRICATION.
- 500 VDC HYPOT 500 M Ω 5 SEC MINIMUM, PIN TO PIN & HOUSING WITH MATING PLUGS.
- 600 VAC HYPOT FOR 2 SECONDS MINIMUM 2mAMPS MAXIMUM LEAKAGE FROM PIN TO ALL OTHERS & HOUSING.
- CONTINUITY TEST: <0.020 Ω MATING PIN TO RESPECTIVE MATING SOCKET.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE PRIOR TO & AFTER THERMAL CYCLING.
- ALL PARTS MUST PASS ALL TESTS.
- ONE PART SHALL BE QUALIFIED BY THERMAL CYCLING TO OPERATING TEMPERATURE RANGE PER NOTE 9 EXCEPT FOR 10 CYCLES.
- 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 RAMPS MUST BE HELD WITHIN .56°C/MINUTE & LESS THAN 5°C/MINUTE.
- REF-MATING PLUGS: 26FH35PN & 26FH35SN ARE NOT INCLUDED OR SHOWN.
- "-XX" TO BE CONSECUTIVE, NON-REPETITIVE SERIAL NUMBER. START AT "-01" & INCREMENT ACCORDINGLY.
- DIMENSIONS ARE INCHES [millimeters].

ITEM	QTY	PART#	DESCRIPTION
7	1	0185	NUT VS26-SS
6	4	6-32X.43BHCSSS	SCREW 6-32X.43 BUTTON HD SOC SS
5	1	-228 VITON	O-RING -228 VITON 75
4	A/R	PAVE-Seal 200FR	EPOXY BLACK HI-TEMP FIRE RETARD
3	1	20FH35PN	RCPT 100#22 PIN 999 SERIES III
2	1	20FH35SN	RCPT 100#22 SOC 999 SERIES III
1	1	2294	HOUSING VS26FLT-SS ROUND W/FLAT

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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DESCRIPTION PAVE-Mate I Connectors
VS26FLT-SS-200FR-100-22-99920SPN

PART NUMBER **2230**

REVISION LEVEL **B**

PROJECTION