



NOTES:

1. HE LEAK TEST VACUUM 10X10<sup>-8</sup> CC/SEC OR LESS.
2. HYPOT 500 VDC 200 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST 0.5 OHMS MAXIMUM MATING CONNECTOR TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN Ø0.035 ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. DIMENSIONS ARE INCHES [MILLIMETERS].
9. ORDER PAVE#3500R FOR PINS ON ATMOSPHERE SIDE & SOCKETS ON VACUUM SIDE (REVERSE ITEMS 1 & 2).

\*SEE NOTE 9

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	3520	PLATE TOP SS MIRCO D 21 PIN
5	1	-022 VITON	O-RING -022 VITON 75
4	4	JACKPOST	"P" STYLE 2-56 UNC
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	M8351301-CN*	CONNECTOR 21 PIN 83513 MICRO D
1	1	M8351302-CN*	CONNECTOR 21 SOC 83513 MICRO D

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DESCRIPTION: SP29/11-SS-150-21-26-M83513SP\*

PART NUMBER: 3500\*

MATERIAL: NOTED

REVISION LEVEL: B

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