



**NOTES:**

1. HE LEAK TEST @ 1 ATM 10X10<sup>-8</sup> CC/SEC OR LESS. PART IS TESTED WITH VACUUM ON THREAD SIDE.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO SHIELD AND HOUSING.
3. CONTINUITY TEST ALL CONDUCTORS WITH MATING CONNECTOR < 7 Ohms END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. VOIDS SMALLER THAN  $\phi 0.035$  ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE -20°C TO 125 °C.
9. MATING CONNECTOR PART#38999/46FG16SN AND SOCKETS PART#M39029/77-428

3199-1	36 [914]
3199	240 [6096]
PART #	MINIMUM WIRE LENGTH "X"

7	1	0199	NUT VS22-SS (316SS)
6	16	M39029/76-424	COAXIAL PIN RG174/RG179/RG316
5	1	40FG16PN	RCPT 16#16
4	1	-224 VITON	O-RING -224 VITON 75
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	16	RG316	B83284 OR EQUAL BELDEN 83284 I
1	1	0189/304SS	HOUSING VS22-304SS
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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DESCRIPTION  
VS22-SS-150-16-RG316-X-40FG16PN

PART NUMBER  
**3199**

REVISION LEVEL  
**B**

PROJECTION

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