



RECOMMENDED RETAINING RING
TRUARC #5000-56 OR EQUAL

NOTES:

1. LEAK TEST: 350 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CENTER CONDUCTOR TO SHIELD TO SS TUBE.
3. CONTINUITY TEST SHIELD < 0.5 OHM END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. SS TUBING AXIAL POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAX.
11. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

6	1	5864TUBN125-SS	TUBULATION .125" OD BULGED 304SS SCANIVALVE
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	2	-012 VITON	O-RING -012 VITON 75
3	1	RG178	WIRE COAX M17/93 FEP/TFE 7#38 SPCS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226L	HOUSING SP8L-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 SP8L-E-150-1-RG178-45-30

PART NUMBER
5864

MATERIAL NOTED

REVISION LEVEL -

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