



SP9 INSTALLATION PORT
RECOMMENDED RETAINING RING:
SMALLEY WHM-62 OR EQUAL

NOTES:

1. LEAK TEST: 200 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. 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
6. REF-OPERATING TEMPERATURE RANGE -40°C TO 155°C.
7. DIMENSIONS ARE INCHES [MILLIMETERS].
8. 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

9	2	AMP #41332-1	TERMINAL RING 18-14AWG
8	1	1ACFGGRC-2	TUBING ACRYLIC MIL-I-3190/3 UNIVERSAL
7	2	0460-202-16141	CONTACT #16 CRIMP DEUTSCH
6	1	AMP#776428-4	CONNECTOR 2POS AMP SEAL 16 SNGL ROW
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
4	2	-013 VITON LT	O-RING -013 VITON LOW TEMP 75
3	1	TZ16 RED	WIRE 16TZ M22759/44 .007 19/#29
2	1	TZ16 BLK	WIRE 16TZ M22759/44 .007 19/#29
1	A/R	PAVE-Seal 200	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

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 2751 Thunderhawk Court
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DESCRIPTION
SP9-E-200UL94-2-TZ16-6T-5T

PART NUMBER
5603

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