



NOTES:

1. QUALIFICATION TESTS:
 - LEAK TEST: 20 million cyclic pressure and temperature tests between -40 to 170C between 0- 1000 psi
 - HYPOT 1500 VAC, 0.5mA MAX LEAKAGE, 60 SECONDS MINIMUM, WIRE TO WIRE & INSTALLATION PORT.
2. PRODUCTION TESTS:
 - LEAK TEST: 1000 PSI (AIR), NO BUBBLES 30 SECONDS MINIMUM.
 - HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECONDS MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN Ø0.035 ARE ACCEPTABLE ON ALL OTHER SURFACES.
6. ENVIRONMENTAL SPECIFICATIONS (REFERENCE)
 - OPERATING TEMPERATURE -20°C TO 200°C.
 - STORAGE TEMPERATURE -40°C TO 200°C.
7. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 MAXIMUM.
8. IT IS ACCEPTABLE FOR RETAINED ENDS (SLUGS) TO BE LOST DURING HANDLING.

ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	E18 WHT/BLU	WIRE 18E MIL-W-16878/4 7/#26
7	1	E18 WHITE	WIRE 18E MIL-W-16878/4 7/#26
6	1	-012 TEFLON	RING -012 TEFLON BACKUP SINGLE TURN SCARF CUT
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
4	2	-012 BUNA	O-RING -012 BUNA 75
3	1	RW200E-1/4-0-SP	TUBING VITON HEAT SHRINK 1/4" BLACK
2	1	M27500-18RC2S09	CABLE 2/C # 18AWG TEFLON
1	1	PAVE-Seal 200UL94	EPOXY BLACK

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DESCRIPTION
 SP8C-E-200UL94-2-TE18-2-34

PART NUMBER
3678

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