



NOTES:

1. LEAK TEST: 2000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT 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. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE -20°C TO 125°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
10. 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.

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|-------------|------------|--------------------|-------------------------------------|
| 12 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 11 | 2 | -020 VITON | O-RING -020 VITON 75 |
| 10 | 1 | EE10 GREEN | WIRE 10EE MIL-W-16878/5 .017 37/#26 |
| 9 | 1 | EE10 BLUE | WIRE 10EE MIL-W-16878/5 .017 37/#26 |
| 8 | 1 | EE10 UL1180 BLK | WIRE 10EE UL1180 37/#26 |
| 7 | 1 | EE24 BLK 7STR | WIRE 24EE MIL-W-16878/5 .014 7/#32 |
| 6 | 1 | EE24 BLU 7STR | WIRE 24EE MIL-W-16878/5 .014 7/#32 |
| 5 | 1 | EE24 BROWN 7STR | WIRE 24EE MIL-W-16878/5 .014 7/#32 |
| 4 | 1 | EE24 GRAY | WIRE 24EE MIL-W-16878/5 .014 7/#32 |
| 3 | 1 | EE24 GRN 7STR | WIRE 24EE MIL-W-16878/5 .014 7/#32 |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 0913 | HOUSING SP16-E |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

RECOMMENDED HOUSING RETAINING RING
TRUARC 5100-81 OR EQUAL,
REF-.877 [22.28] DIMENSION FOR USE
WITH HOUSING INSTALLED RETAINING RING

PAVE technology co.
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Dayton, OH 45414-3445
U.S.A.
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www.pavetechnologyco.com

DESCRIPTION
SP16-E-150-3/5-TEE10/24-24-24

PART NUMBER
2643

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