



RECOMMENDED RETAINING RING  
TRUARC N5000-56 OR EQUAL

NOTES:

1. LEAK TEST: 300 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 WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER: Ø .035 [.89] MAX ALLOWED VOID SIZE  
 >= .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -55°C TO 120°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
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.
12. WIRES WILL BE TWISTED INTO PAIRS ON BOTH SIDES, PER TABLE, APPROXIMATELY 2 TWISTS PER INCH.

TWISTED PAIR TABLE

PAIR 1	PAIR 2
BLACK & RED	BLK/RED & BLK/WHT

8	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
7	2	-012 E0740-75	ORING -012 EPDM E0740-75
6	1	HYT28 BLK/WHT	WIRE 28 HYTREL .007 7/#36 BLACK WITH WHITE STRIPE
5	1	HYT28 BLK/RED	WIRE 28 HYTREL .007 7/#36 BLACK WITH RED STRIPE
4	1	HYT28 RED	WIRE 28 HYTREL .007 7/#36 RED
3	1	HYT28 BLACK	WIRE 28 HYTREL .007 7/#36 BLACK
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226M	HOUSING SP8M-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION SP8M-E-150-4-HYT28-18-18	
PART NUMBER <b>4895</b>	MATERIAL NOTED
REVISION LEVEL D	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