



RECOMMENDED RETAINING RING
TRUARC N5000-56 OR EQUAL

TWISTED PAIR TABLE

PAIR 1	PAIR 2	PAIR 3	PAIR 4	PAIR 5	PAIR 6
RED & BLACK	GRAY & VIOLET	ORANGE & WHITE/ORANGE	BLUE & WHITE/BLUE	GREEN & WHITE/GREEN	BROWN & WHITE/BROWN

[9.7]
[.38 *]
*SEE NOTE 8

NOTES:

- LEAK TEST: 2500 PSI NO N2 BUBBLES 10 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- WIRES WILL BE TWISTED INTO PAIRS ON BOTH SIDES, PER TABLE, APPROXIMATELY 1 TO 3 TWISTS PER INCH.
- WIRE POSITIONING IS APPROXIMATE & VARIABLE, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
- 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
- DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
- REF-OPERATING TEMPERATURE RANGE -40 °C TO 125 °C.
- REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
- 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.

17	1	RR N5000-56	RETAINING RING INTERNAL .562
16	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
15	1	-012 VITON LT	O-RING -012 LOW-TEMP VITON V835-75
14	1	TZ28 WHT/BRN	WIRE 28 TEFZEL M22759/32 7/#36
13	1	TZ28 BROWN /32	WIRE 28 TEFZEL M22759/32 7/#36
12	1	TZ28 WHT/GRN	WIRE 28 TEFZEL M22759/32 7/#36
11	1	TZ28 GREEN /32	WIRE 28 TEFZEL M22759/32 7/#36
10	1	TZ28 WHT/BLU	WIRE 28 TEFZEL M22759/32 7/#36
9	1	TZ28 BLUE /32	WIRE 28 TEFZEL M22759/32 7/#36
8	1	TZ28 WHT/ORG	WIRE 28 TEFZEL M22759/32 7/#36
7	1	TZ28 ORANGE /32	WIRE 28 TEFZEL M22759/32 7/#36
6	1	TZ28 VIOLET /32	WIRE 28 TEFZEL M22759/32 7/#36
5	1	TZ28 GRAY /32	WIRE 28 TEFZEL M22759/32 7/#36
4	1	TZ28 BLACK /32	WIRE 28 TEFZEL M22759/32 7/#36
3	1	TZ28 RED /32	WIRE 28 TEFZEL M22759/32 7/#36
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226S	HOUSING SP8S-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
SP8S-E-150-6TP-TZ28-12-12

PART NUMBER
5419

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