



WIRING DIAGRAM



NOTES:

- HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
- CONTINUITY TEST WITH MATING CONNECTORS: <0.5 OHMS SOCKET TO SOCKET.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE -20°C TO 120°C.
- DIMENSIONS ARE INCHES [millimeters].
- 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.

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
 X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
 ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	16	192900-0634	SOCKET #16 BRASS TIN-PLATED SC
2	2	192990-1670	RCPT 8#16 TRIDENT RINGLOCK SOCKETS
1	1	1625	HOUSING PT16-SS

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DESCRIPTION  
 PT16-SS-150-8-16-TRIDENT SS

PART NUMBER  
**5245**

MATERIAL NOTED

REVISION LEVEL -

PROJECTION