



| | | | | | |
|-----|------------|-----|------------|-----|------------|
| 9 | E20 WHITE | 18 | E20 BROWN | | |
| 8 | E20 VIOLET | 17 | E20 BLUE | | |
| 7 | E20 ORG | 16 | E20 BLACK | 25 | E20 GREEN |
| 6 | E20 WHITE | 15 | E20 ORG | 24 | E20 BLUE |
| 5 | E20 GRAY | 14 | E20 RED | 23 | E20 GRAY |
| 4 | E20 VIOLET | 13 | E20 YELLOW | 22 | E20 ORG |
| 3 | E20 BLACK | 12 | E20 BLUE | 21 | E20 BLACK |
| 2 | E20 WHITE | 11 | E20 GRAY | 20 | E20 BROWN |
| 1 | E20 RED | 10 | E20 VIOLET | 19 | E20 YELLOW |
| PIN | PART# | PIN | PART# | PIN | PART# |

| 16 | 1 | AMP #745187-1 | CONN DSUB 25S FEMALE -OR EQUIVALENT- |
|------|-----|---------------|--------------------------------------|
| 15 | 2 | E20 YELLOW | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 14 | 2 | E20 BROWN | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 13 | 3 | E20 ORG | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 12 | 1 | E20 GREEN | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 11 | 3 | E20 BLUE | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 10 | 3 | E20 GRAY | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 9 | 3 | E20 VIOLET | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 8 | 3 | E20 WHITE | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 7 | 3 | E20 BLACK | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 6 | 2 | E20 RED | WIRE 20E MIL-W-16878/4 .01 7/#28 |
| 5 | 2 | JACKPOST 4-40 | "P" STYLE 4-40 UNC |
| 4 | 1 | -026 VITON | O-RING -026 VITON 75 |
| 3 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 2 | 1 | 3526 | PLATE TOP SS D-SUB 25 |
| 1 | 1 | 4007-25 | PLUG D-SUB 25 PIN |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

- NOTES:
1. HE LEAK TEST VACUUM 10×10^{-7} CC/SEC OR LESS.
 2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
 3. CONTINUITY TEST PER TABLE <60 MILLIOhms MATING CONNECTOR TO WIRE END.
 4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 5. ALL PARTS MUST PASS ALL TESTS.
 6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 7. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
 8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
 9. REF-OPERATING TEMPERATURE -30 °C TO 125 °C.
 10. DIMENSIONS ARE INCHES[MILLIMETERS]
 11. ITEM 16 (NOT SHOWN), TO BE SHIPPED WITH PART.

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

PAVE technology co.

2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 SP44/13-E-150-25-E20-DSUB25-24

PART NUMBER
3527

MATERIAL NOTED

REVISION LEVEL
 B

PROJECTION