

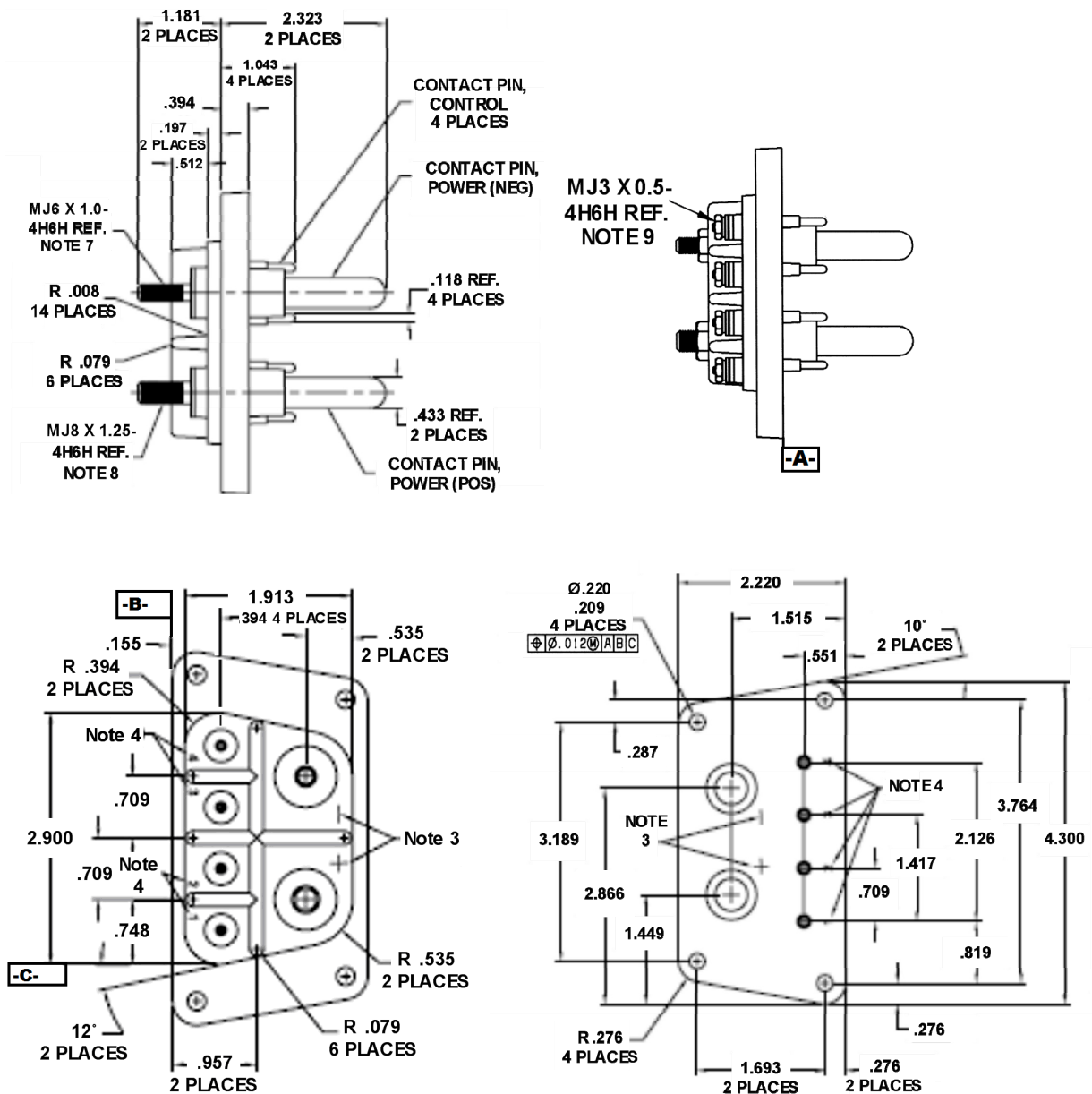
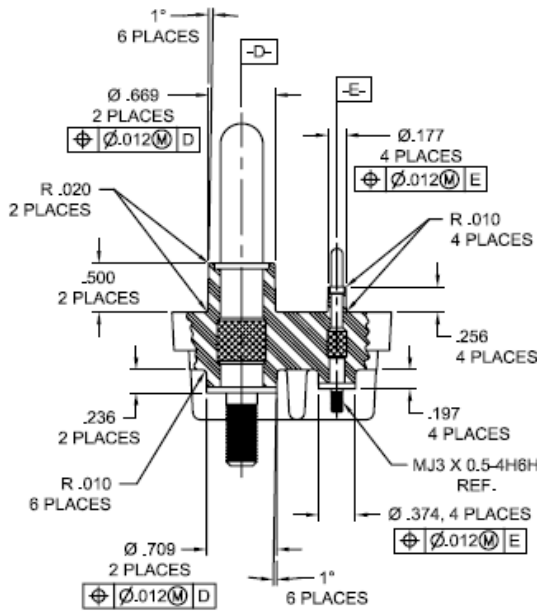
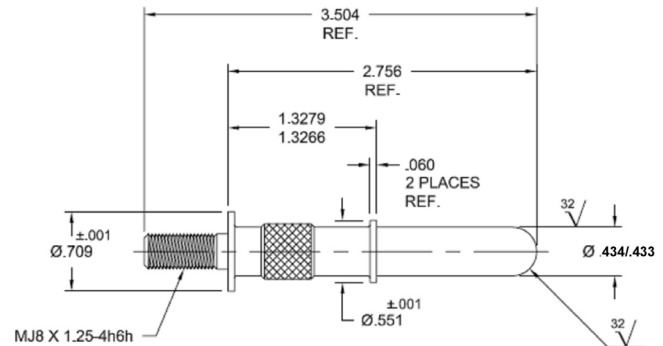


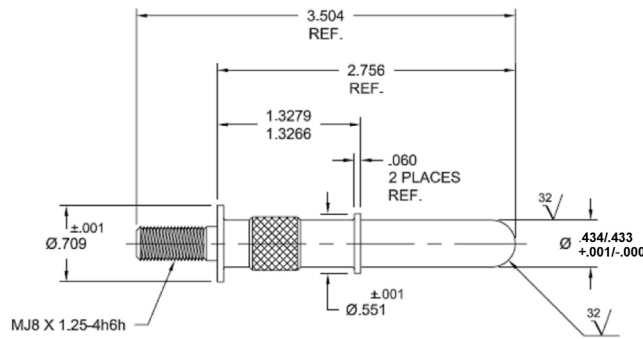
FIGURE 2- PART NUMBER M81790/1-1, CONNECTOR RECEPTACLE



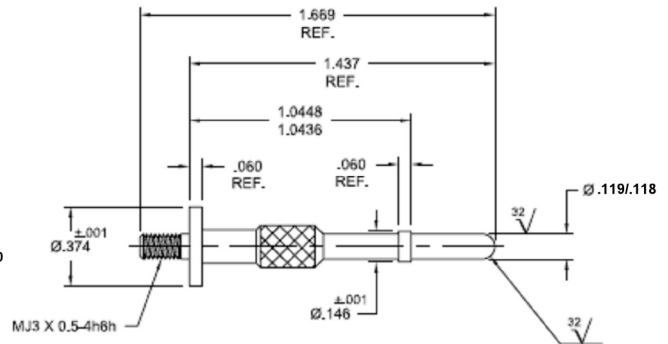
CROSS SECTIONAL CONNECTOR VIEW



POWER CONTACT (NEG)



POWER CONTACT (POS)



SIGNAL CONTACT

NOTES: UNLESS OTHERWISE SPECIFIED

1. 3 DEGREE DRAFT ANGLE
2. DIMENSIONS ARE AS SPECIFIED AFTER PLATING. UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES PER ASME Y14.5M
3. RECESSED CHARACTERS APPROXIMATELY WHERE SHOWN MUST BE .197 TALL X .020 DEEP
4. RECESSED CHARACTERS APPROXIMATELY WHERE SHOWN MUST BE .197 TALL X .020 DEEP
5. ALL PINS TO BE TRUE POSITION WITHIN 0.006 AT MMC, WITH RESPECT TO DATUM A, B, & C
6. CONTACT PLATING SHALL BE 0.00008-0.00012 NICKEL UNDERPLATE WITH 0.00020-0.00032 SILVER FINISH IN ACCORDANCE WITH ASTM B700
7. USE HEX NUT (MA3344-06 OR EQUIVALENT) ON A FLAT WASHER (MA3453-060, D70342/2-043 OR EQUIVALENT) ON A LOCK WASHER (D70336/3-P49 OR EQUIVALENT)
8. USE HEX NUT (B1824B080 OR EQUIVALENT) ON A FLAT WASHER (MA3453-080, D70342/2-084 OR EQUIVALENT) ON A LOCK WASHER (D70336/3-P50 OR EQUIVALENT)
9. USE HEX NUT (MA3344-03 OR EQUIVALENT) ON A FLAT WASHER (MA3453-30, D70342/2-032 OR EQUIVALENT) ON A LOCK WASHER (D70336/3-P45 OR EQUIVALENT)

FIGURE 2 (CONTINUE) - PART NUMBER M81790/1-1, CONNECTOR RECEPTACLE

	AEROSPACE STANDARD	AS81790™/1 SHEET 7 OF 7	Documents
CONNECTOR, RECEPTACLE, EXTERNAL ELECTRIC POWER, AIRCRAFT, 270 VDC, 90 KW		Document Sharing Hub	