



SPECIFICATIONS:

- 1) MATERIALS:  
 SHELL AND PANEL NUT: STAINLESS STEEL  
 CONTACTS: BRASS, TEMPER HALF HARD  
 INSULATOR: DIALLYL PHTHALATE PER MIL-M-14, TYPE MDG  
 PANEL O-RING: CONDUCTIVE RUBBER
  
- 2) FINISHES/COLOR:  
 SHELL AND PANEL NUT: PASSIVATED, SAND BLASTED  
 CONTACTS: .000030 GOLD PER MIL-G-45204, TYPE I,  
           CLASS 0; OVER .000100 NICKEL PER QQ-N-290  
 INSULATOR: BLUE
  
- 3) ELECTRICAL PROPERTIES:  
 OPERATING VOLTAGE: 60 VOLTS MAXIMUM POTENTIAL  
 CURRENT RATING: 0.5 AMPS MAXIMUM  
 DIELECTRIC BREAKDOWN: 500 VOLTS RMS  
 INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM  
 CONTACT RESISTANCE (MATED): 0.04 OHMS MAXIMUM
  
- 4) MECHANICAL PROPERTIES:  
 AIR PRESSURE: 2.5 P.S.I.  
 WATER IMMERSION: 48 HOURS AT 6 FEET  
 DURABILITY: 3000 CYCLES, MATE AND UNMATE
  
- 5) MC283F-1-025-5 RECEPTACLE MATES WITH:  
 MC617 - ALL VERSIONS  
 MC329 - ALL VERSIONS
  
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED
  
- △ 7) FILTER SPECIFICATIONS:  
 CAPACITANCE (1 KHz,25°C): 3000 pF MAXIMUM  
 INSERTION LOSS (MIL-STD-220,NO LOAD,25°C):  
           30 Db. MIN. AT 100 MHZ TO 250 MHZ  
           50 Db. MIN. AT 250 MHZ TO 1GHz  
 WORKING VOLTAGE: 50 VDC  
 DIELECTRIC VOLTAGE BREAKDOWN: 150 VDC  
 INSULATION RESISTANCE (150 VDC,25°C): 1000 MEGOHMS MINIMUM  
 RF CURRENT: .25 AMPS MAXIMUM
  
- △ 8) PIN "A" GROUNDED

<b>MIL-CON</b> <sup>TM</sup>	FILE NAME: MC283F-1-025-5.dwg			
	SIZE <b>A</b>	FSCM NO. <b>63525</b>	DWG. NO. SD: MC283F-1-025-5	REV. <b>C</b>
	DRAWN A. Green			
ISSUED	SCALE NONE		SHEET 2 OF 2	