



TABLE 1

CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

SPECIFICATIONS:

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: DIALEY-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: GOLD FLASH ON TAIL AREA. 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- 5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- 6) CURRENT CAPACITY: 5 AMPS/CONTACT
- 7) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL  
200 VOLTS D.C. AT 70,000 FEET
- 8) INSULATION RESISTANCE: >5000 M OHM
- 9) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 10) CONNECTOR MATING FORCE: REFER TO TABLE 1.

- 11) CONTACT RETENTION FORCE: 2 LBS MAX.
- 12) DURABILITY: 250 CYCLES MIN.
- 13) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 14) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)

CUSTOMER INFORMATION DRAWING

ITEM NO	PART OR IDENTIFICATION NO		NOMENCLATURE OR DESCRIPTION		QTY REQ'D			
PARTS LIST								
UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL	DATE	Amphenol					
U.S. METRIC	DRAWN XS.GUO	5/4/06	Amphenol					
.X +/-.020	CHECKED		Amphenol					
.XX +/-.010	CHECKED		Amphenol					
.XXX +/-.005			Amphenol					
FRACTIONS +/-. ANGLES +/-. 1°			Amphenol					
FOR MATERIALS AND FINISHES SEE NOTES								
REMOVE SHARP EDGES								
DIMENSIONS								
U.S.	INCHES		Amphenol					
(METRIC)	(MM)		Amphenol					
SIZE	DRAWING NO.		Amphenol					
A3	C57-60500		Amphenol					
SCALE	NONE		Amphenol					
1			Amphenol					

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