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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
B	HK	ADD CHOP OF ROHS	4/14/06	IP

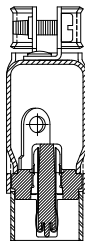
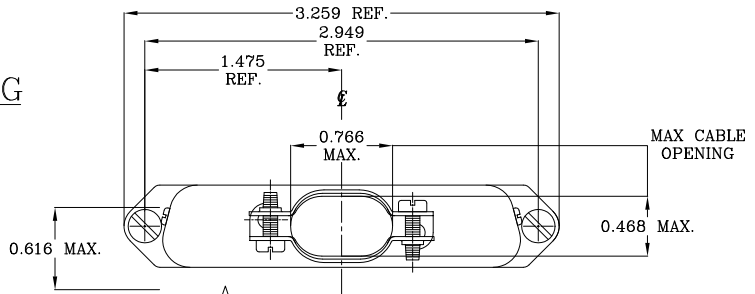
# CUSTOMER INFORMATION DRAWING

TABLE 1

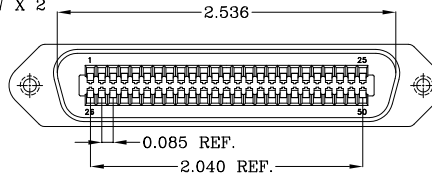
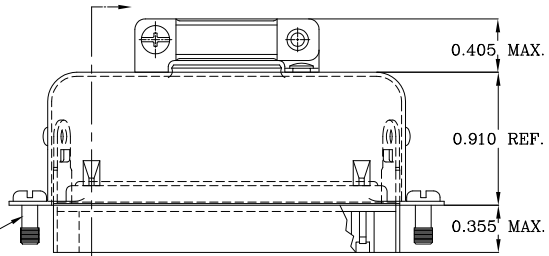
CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

**SPECIFICATIONS:**

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: DIALYL-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINATION 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)



SECTION A-A M3.5 CAPTIVE SCREW X 2



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
	METRIC	DRAWN XS.GUO	4/14/06
X	+/- 0.020	CHECKED	
.XX	+/- 0.010	CHECKED	
.XXX	+/- 0.005		
FRACTIONS	+/-		
ANGLES	+/- 1°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE: \DRAWING\57\C57335001.DWG	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
(METRIC)	(MM)		

Amphenol		
TITLE 50 CONTACT CABLE MOUNTED ASSEMBLY WITH M3.5 SCREWS		
SIZE A3	DRAWING NO. C57-33500-1	REV. B
SCALE NONE	SHEET 1 OF 1	