

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	INITIAL RELEASE	01/08/03	Y.M.LEE
B	HK	ADD CHOP OF ROHS	2/15/06	Y.M.LEE

TABLE 1

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



- 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)
15) METAL HOOD, SCREWS AND DUST COVER ARE SHIPPED LOOSE IN BULK PACK.
16) CONNECTOR ASSEMBLED FOR ILLUSTRATION ONLY.

CUSTOMER INFORMATION DRAWING

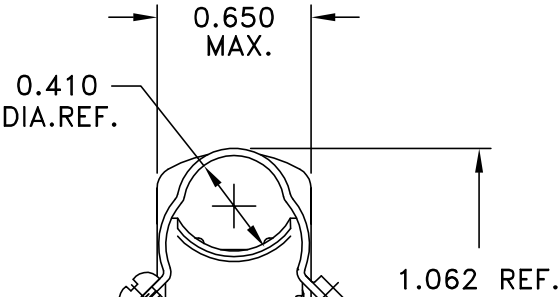
ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION		QTY REQ'D
PARTS LIST				
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.020 .XX +/- 0.010 .XXX +/- 0.005 FRACTIONS +/- ANGLES +/- 1° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES —(METRIC)— —(MM)—		APPROVAL	DATE	Amphenol
		DRAWN XS.GUO	2/15/06	
		CHECKED		
		CHECKED		
		DRAWING FILE : \\DRAWING\57\C57105007.DWG		
		TITLE 50 CONTACT PLUG ASSEMBLY RUNNING CABLE 1-26 END HIGH BARRIER, DUST COVER		
		ANGLE OF PROJECTION		
		SIZE	DRAWING NO.	REV.
		A3	C57-10500-7	B
		SCALE	NONE	SHEET 1 OF 1

SPECIFICATIONS:

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
2) DIELECTRIC: DIALLY-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 TERMINAL 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.

PUT THE LATCHING SCREW THRU. THE HOLE ON LEFT END OF CONNECTOR. THE SCREW HOLDS THE SHELLS TOGETHER & IS RETAINED BY THREADS IN THE HOOD.

TO ASSEMBLE CONNECTOR, SLIDE THE HOOD (FROM LEFT TO RIGHT ON ILLUSTRATION) IN SUCH A MANNER THAT THE 2 TABS OF THE BRACKET ENTER THE SLOTS OF THE HOOD.



EXTRUSION FOR 4-40 X 3/8 TAPITE SCR.

TO TIGHTEN CABLE CLAMP, BEND THE ENDS INWARD UNTIL THE SCREW & EXTRUSION ARE ON CENTER.

#4-40 X 0.625 SCREW

DUST COVER