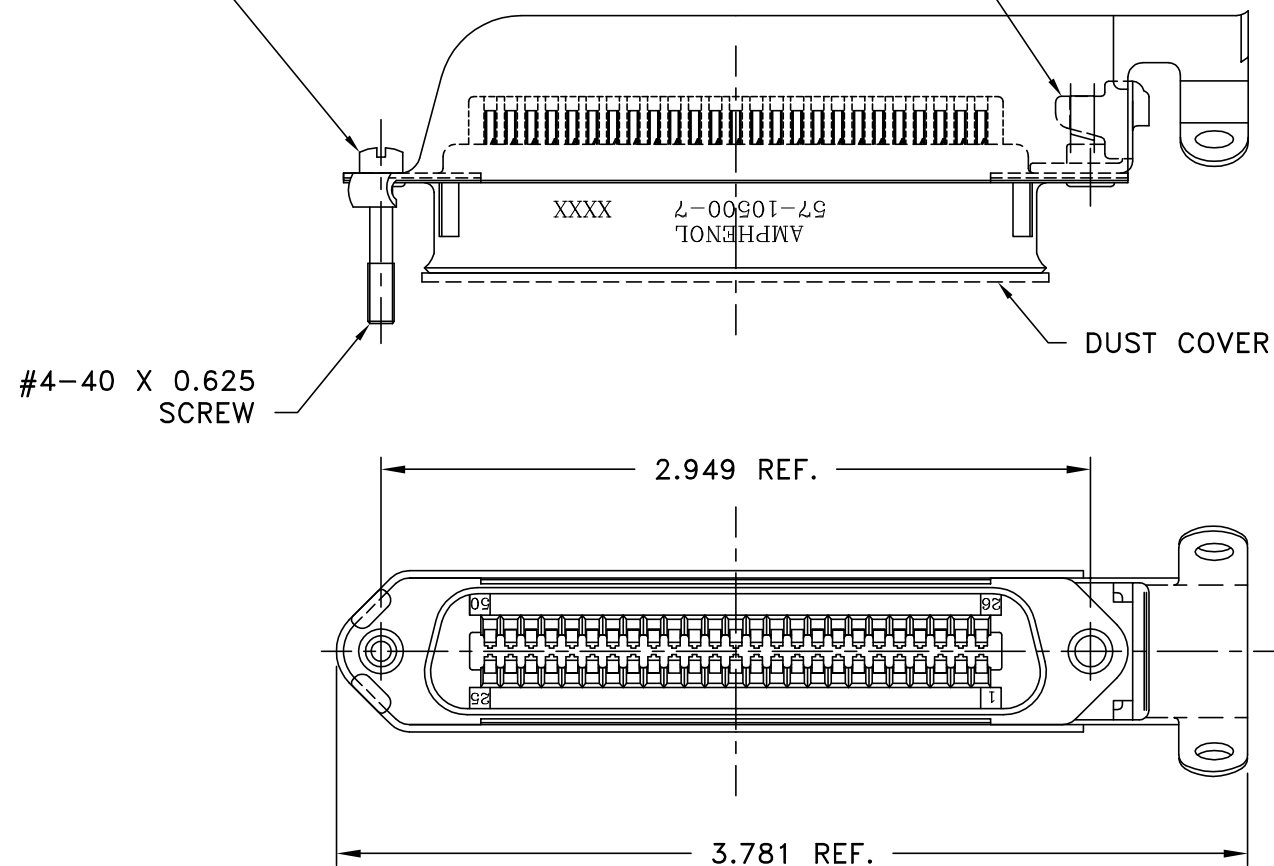


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

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

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.



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
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.

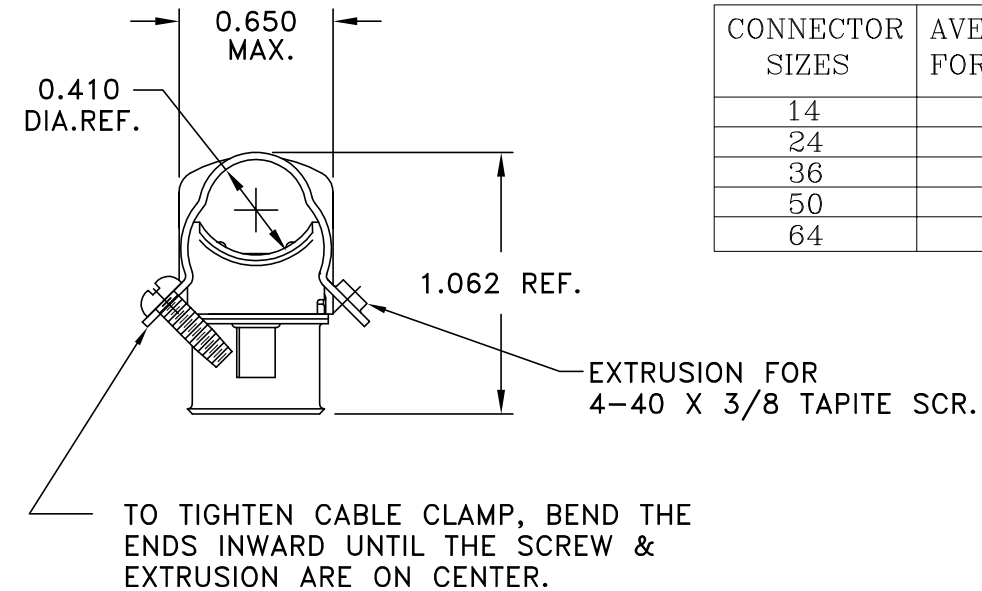


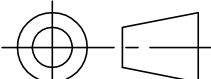
TABLE 1

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°		APPROVAL	DATE	Amphenol TITLE 50 CONTACT PLUG ASSEMBLY RUNNING CABLE 1-26 END HIGH BARRIER, DUST COVER
		DRAWN XS.GUO	2/15/06	
		CHECKED		
		CHECKED		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : \\DRAWING\57\C57105007.DWG		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
(METRIC)	(MM)			
		SIZE	DRAWING NO.	REV.
		A3	C57-10500-7	B
		SCALE	NONE	SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[57-10500-7](#)