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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK	PRELIMINARY RELEASE	3/31/06	IP
2	HK	Updated description	4/20/06	IP
3	HK	Screw 4-40x5/8" to 4-40x1/2" Add 0.677 REF and 0.281 REF.	2/10/07	IP
4	HK	Screw 4-40x5/8" to 4-40x3/8"	5/7/07	IP

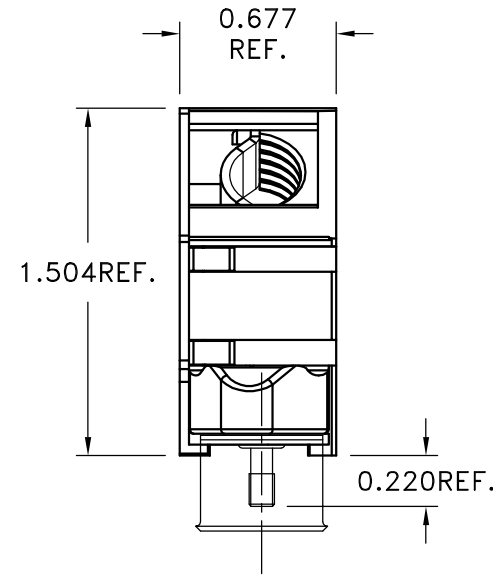
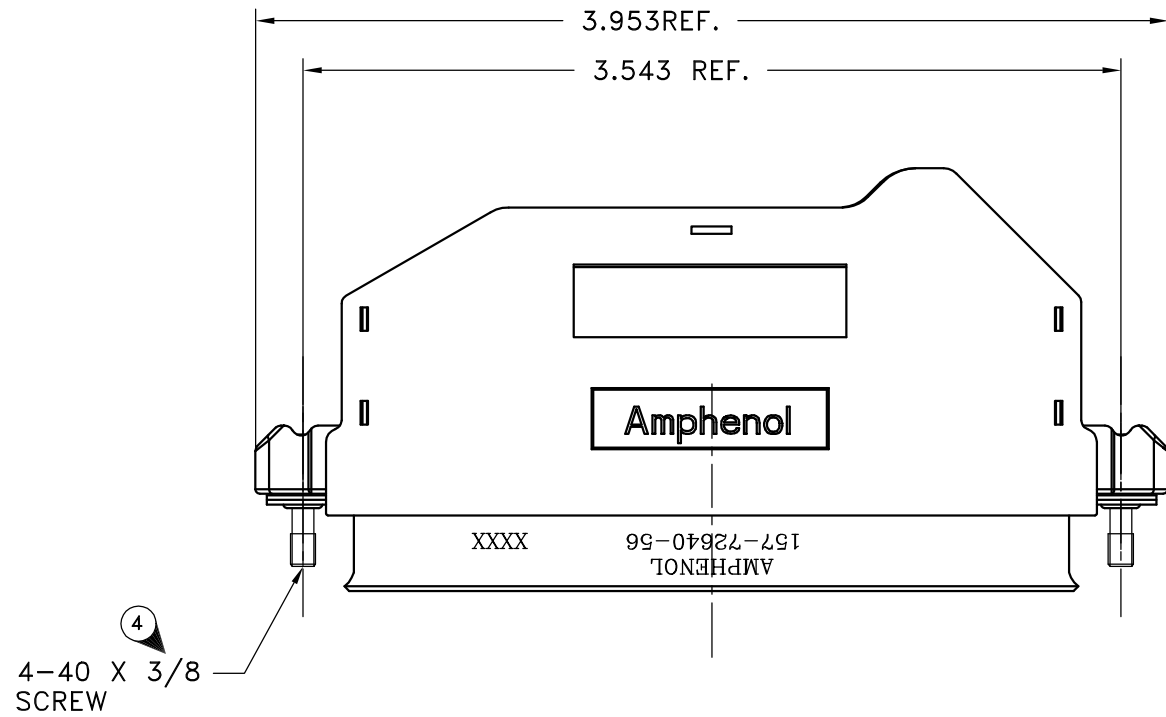
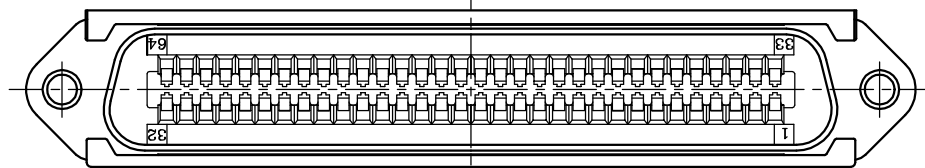


TABLE 1

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



SPECIFICATIONS:

- 1) INSULATION DISPLACEMENT CONTACTS: TO ACCOMMODATE 24-26 AWG SOLID AND 26-28 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: PBT GLASS FIBER RE-INFORCED, 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.
- 6) #4-40 SCREW MATERIAL: ZINC PLATED STEEL ; HOOD MATERIAL :PBT GLASS FIBER
- 7) CURRENT CAPACITY: 5 AMPS/CONTACT
- 8) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
- 9) INSULATION RESISTANCE: >5000 M OHM



- 10) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 11) CONNECTOR MATING FORCE: REFER TO TABLE 1.
- 12) CONTACT RETENTION FORCE: 2 LBS MAX.
- 13) DURABILITY: 250 CYCLES MIN.
- 14) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 15) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)
- 16) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC. # SSN001.

CUSTOMER INFORMATION DRAWING

ITEM NO	NOMENCLATURE OR DESCRIPTION		QTY REQ'D
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S. METRIC		DRAWN XS.GUO	5/7/07
.X +/- .020		CHECKED	
.XX +/- .010		CHECKED	
.XXX +/- .005			
FRACTIONS +/-			
ANGLES +/- 1°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE: \DRAWING\157\C1577264056.DWG	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
-(METRIC)	-(MM)		
Amphenol			
TITLE			
64 SIZE PLUG ASS'Y, 4-40 SCREW PLASTIC HOOD			
SIZE	DRAWING NO.	REV.	
A3	C157-72640-56	4	
SCALE	NONE	SHEET 1 OF 1	