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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK4090	PRELIMINARY RELEASE	10/24/06	IP

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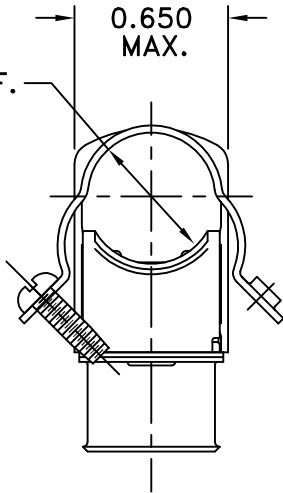
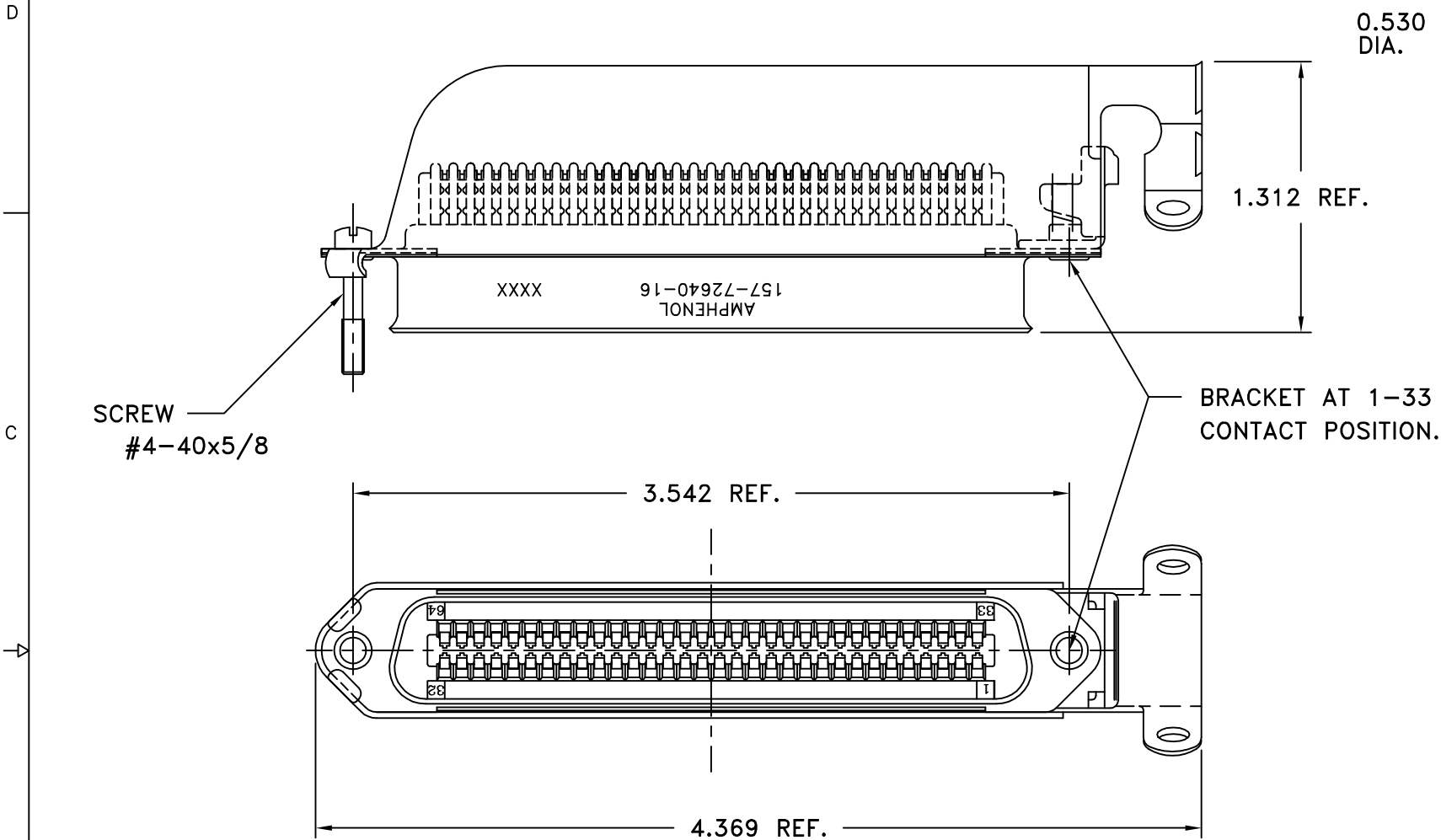


TABLE 1

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 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

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
.X    +/-    0.020 .XX   +/-    0.010 .XXX   +/-    0.005 FRACTIONS +/- ANGLES +/- 1°	U.S.	DRAWN   XS.GUO	10/24/06		
	METRIC	CHECKED			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : \DRAWING\157\C1577264016.DWG		TITLE   64 CONTACT PLUG ASSEMBLY RUNNING CABLE 1-33 END 28 & 26 AWG WIRE	
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SIZE	DRAWING NO.
DIMENSIONS				A3	C157-72640-16
U.S.	INCHES			SCALE	NONE
-(METRIC)-	-(MM)-			SHEET 1 OF 1	