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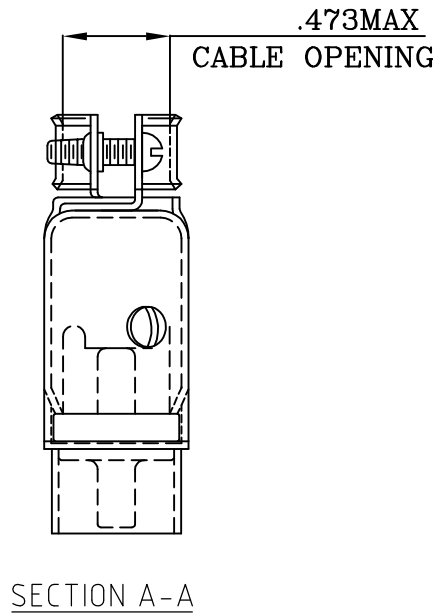
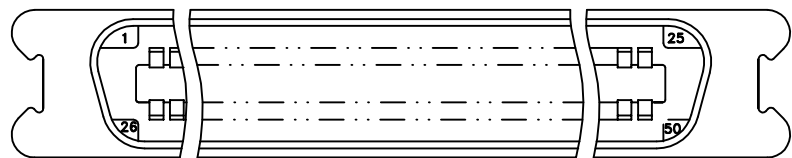
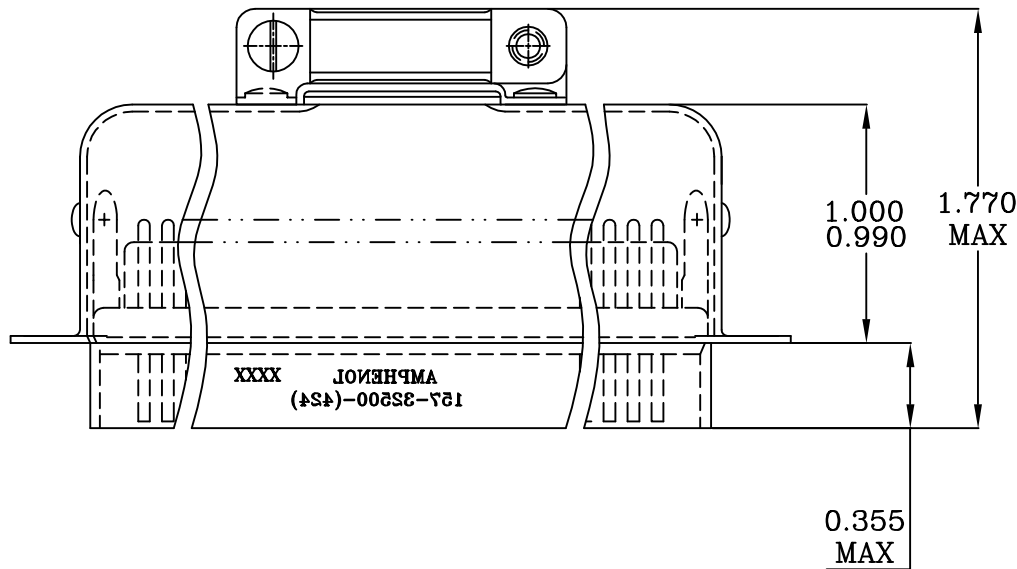
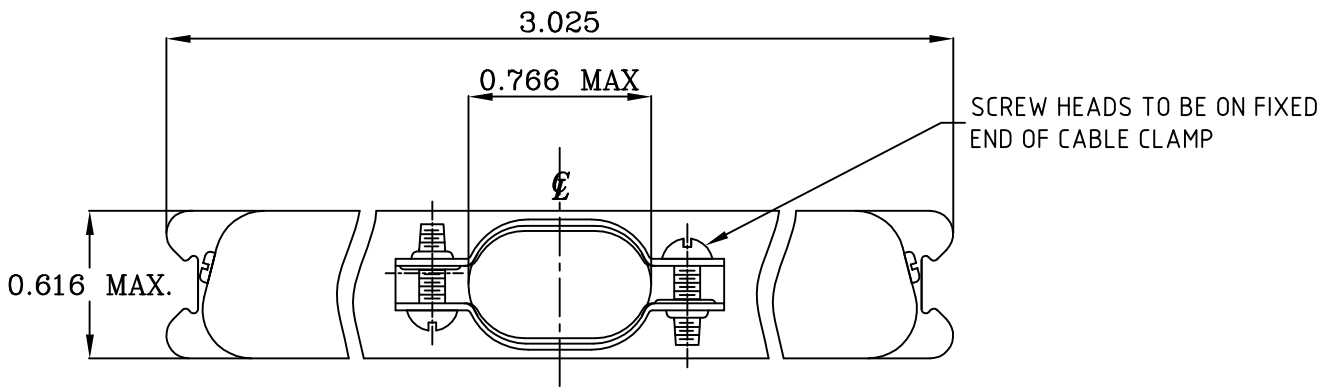


TABLE 1

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

- 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)

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: 30 MICRO-INCHES MIN. GOLD MATING AREA: 1 MICRO-INCHES GOLD PLATED MIN. ALL OVER: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.  
5) SHELL MATERIAL: ZINC PLATED STEEL.  
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

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 DRAWN XS.GUO CHECKED DATE 03/10/06	Amphenol
FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES		DRAWING FILE : \\DRAWING\\157\\C15732500424.DWG	TITLE 50 CONTACT SIZE MICROPIERCE CABLE MOUNT PLUG ASSEMBLY
DIMENSIONS U.S. INCHES (METRIC) (MM)		ANGLE OF PROJECTION 	SIZE A3 DRAWING NO. C157-32500(424) REV. B
		SCALE NONE	SHEET 1 OF 1

# Mouser Electronics

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