

SECTION A-A

ELECTRICAL:

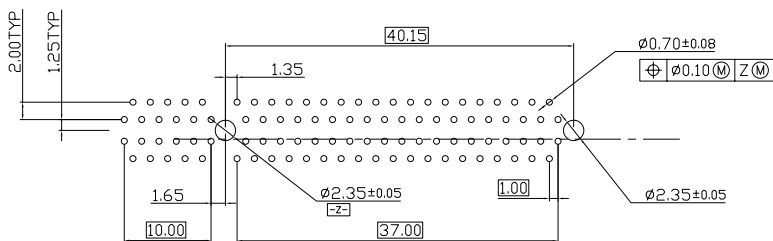
CURRENT RATING: 1.1 AMPS PER PIN
 VOLTAGE RATING: 50 VOLTS AC (RMS)/DC
 CONTACT RESISTANCE: < 30m
 INSULATOR RESISTANCE: > 1000M
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.
 OPERATING TEMPERATURE: UP TO +65° C

MECHANICAL:

INSERTION FORCE: 117 GRAMS MAX. PER CONTACT PAIR

MATERIAL:

INSULATOR: HIGH TEMPERATURE THERMOPLASTIC UL94V-0
 CONTACT: COPPER ALLOY
 STANDARD PLATING: GOLD PLATING OVER NICKEL ON CONTACT AREA
 TIN SOLDER TAIL



RECOMMENDED PCB HOLE LAYOUT

HOW TO ORDER:

B 0 4 4 - 0 9 8 1 - 1 2 X - Z

NUMBER OF CONTACTS: 98

PEG TYPE: 1 - PLASTIC

TYPE: 1 - PCI EXPRESS

INSULATOR COLOR: 2 - BLACK

SELECTIVE PLATING:
 6 - Au FLASH CONTACT AREA/TIN TAIL
 7 - 10u" Au CONTACT AREA/TIN TAIL
 8 - 15u" Au CONTACT AREA/TIN TAIL
 9 - 30u" Au CONTACT AREA/TIN TAIL

RoHS COMPLIANT

Rev	Drawn	Checked	Approved	Date	
0	Issued	WHS	S.M.	S.M.	9/25/06

SMP TECHNOLOGY, INC.

SCALE: N/A PCIe Express Card Edge Connector, 98 Position, Thru Hole, Vertical