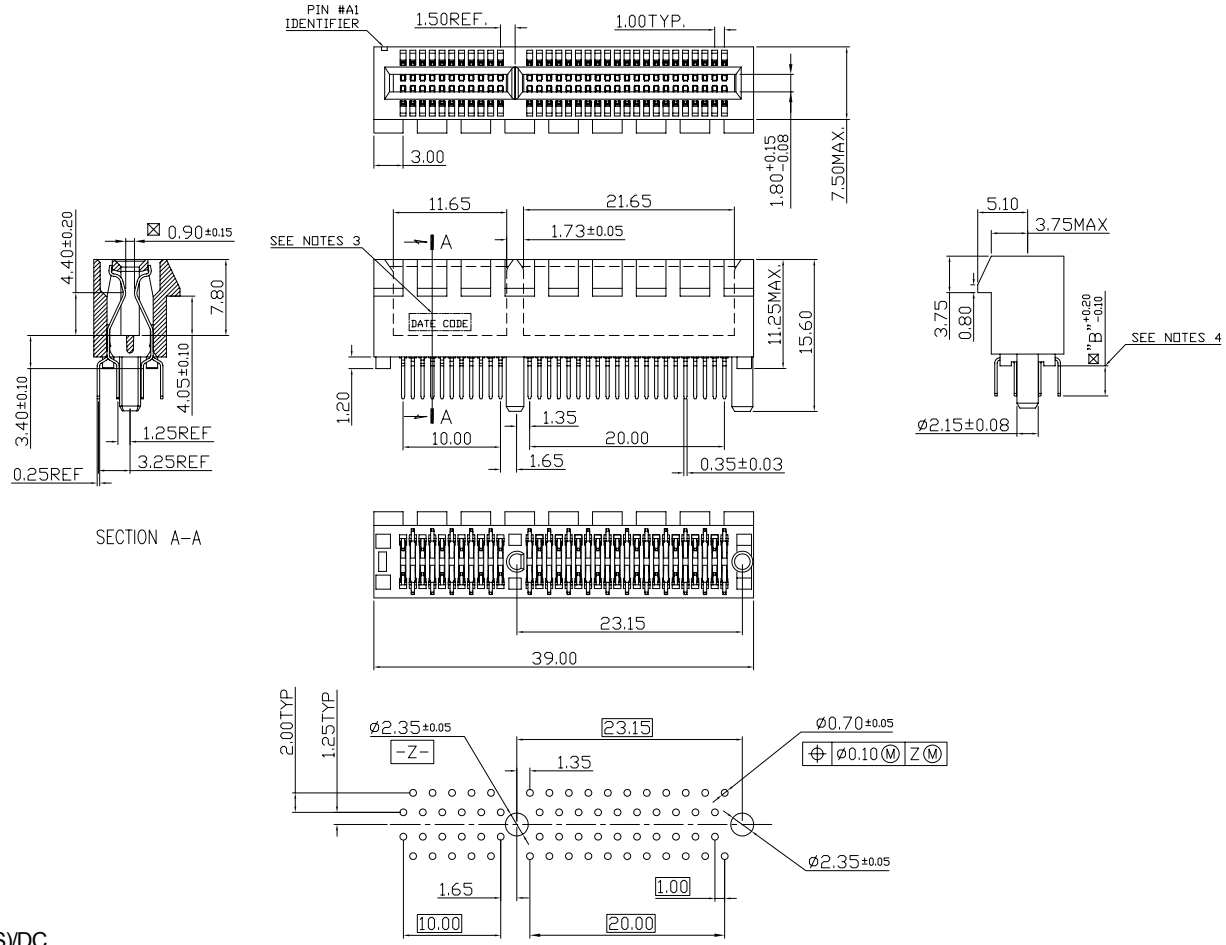

RECOMMENDED PCB HOLE LAYOUT

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

HOW TO ORDER:

B 0 4 4 - 0 6 4 1 - 1 2 X - Z

NUMBER OF CONTACTS:
64

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, 64 Position, Thru Hole, Vertical

TOL. DEC. .X +/- 0.25 .XX +/- 0.15 .XXX +/- 0.08 ANGLE +/- 0.5° UNIT: mm

P/N: B044-0641-12X-Z