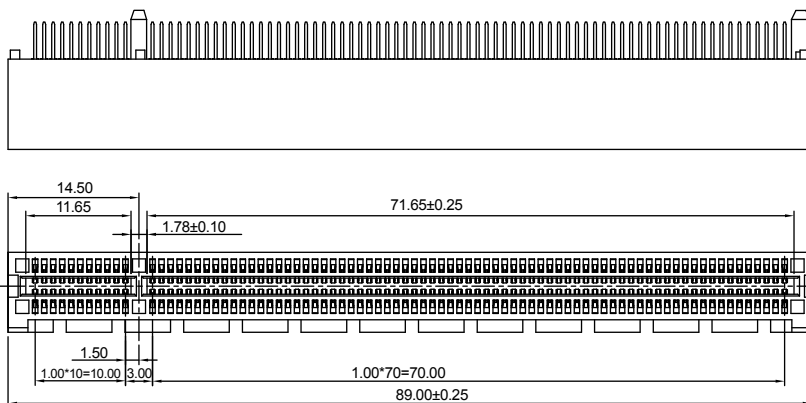
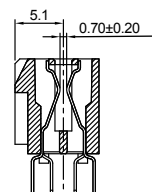
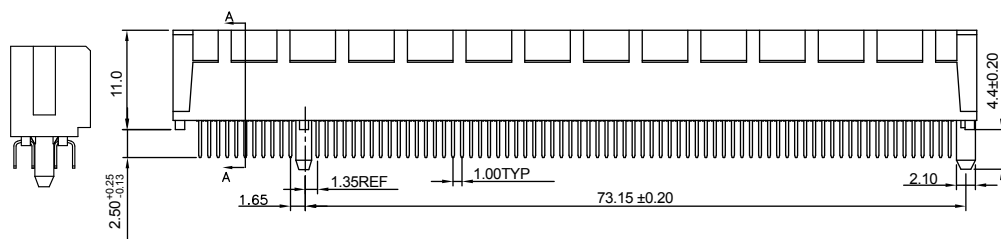
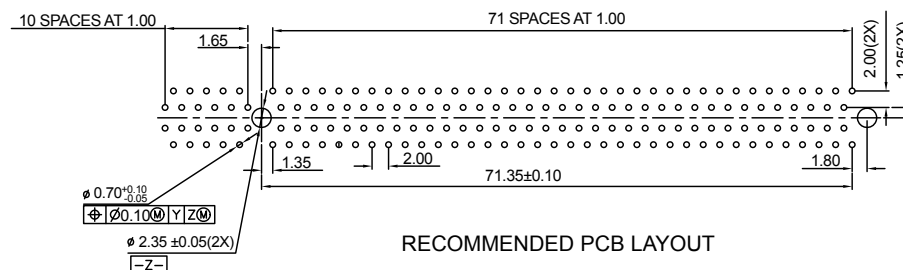
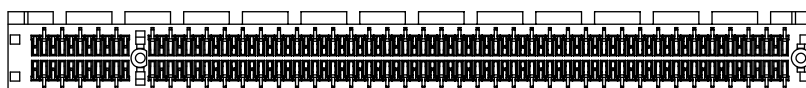


ISOMETRIC VIEW



SECTION A:A



RECOMMENDED PCB LAYOUT

ELECTRICAL:

CURRENT RATING: 1.1 AMPS Per Pin Min.
 VOLTAGE RATING: 50 Volts AC (RMS) / DC
 CONTACT RESISTANCE: < 30 miliohms Max.
 INSULATOR RESISTANCE: > 1000 Megaohms Min. DC.
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC for 1 Minute
 OPERATING TEMPERATURE: - 45° C TO + 105° C

MECHANICAL:

INSERTION FORCE: 117 Grams Max. Per Contact Pair
 DURABILITY: 50 Cycles

MATERIAL:

INSULATOR: High Temperature Thermoplastic UL94V-0, Black
 CONTACT: Copper Alloy (C5191(R); C2680(W))
 STANDARD PLATING: Specified Gold Plating Thickness in Contact Area
 Over 30u" Min. Nickel; Matte Tin 60u" Min. in Solder Area
 INSULATOR: Wave Solder - Glass Filled Nylon
 Reflow Solder - PA10T

HOW TO ORDER:

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

NUMBER OF CONTACTS: 164

PEG TYPE: 1 - PLASTIC

TYPE: 1 - Wave Solder, 7 - Reflow Solder

TAIL LENGTH OPTION: 4 - 2.30mm, 5 - 2.50mm (Std.), 6 - 3.00mm

SELECTIVE PLATING: 6 - Au FLASH 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.
A	Added Tail Length Options	B.S.	S.M.	S.M.	02/16/12	
B	Revised Operating Temperature	B.S.	S.M.	S.M.	03/14/12	
C	Added Reflow Solder Option	B.S.	S.M.	S.M.	09/06/18	
						PCIe Express Card Edge Connector, 164 Position, Thru Hole, Vertical
TOL. DEC.	.X +/- 0.30	.XX +/- 0.20	.XXX +/- 0.10	ANGLE +/- 0.5°	UNIT: mm	P/N: B044-1641-XXX-Z Pg: 1