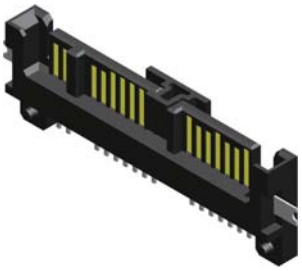
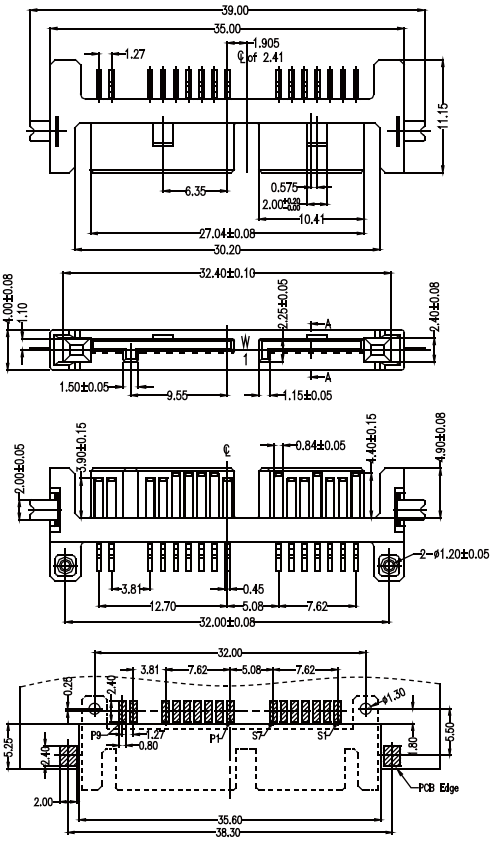
S.ATA Conn. Series

Specifications
Current Rate:1.5 AMP
Insulation Resistance:1000MΩ Max
Contact Resistance:30 mΩ Min
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55° C to +125° C
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Brass
Plating:Selective Plating





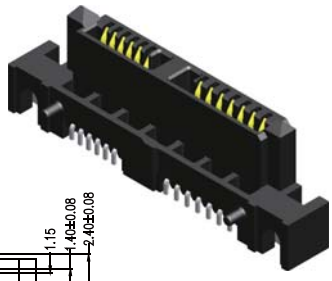
Pin Number	Signal Name
S1	GND
S2	RX+
S3	RX−
S4	GND
S5	TX−
S6	TX+
S7	GND

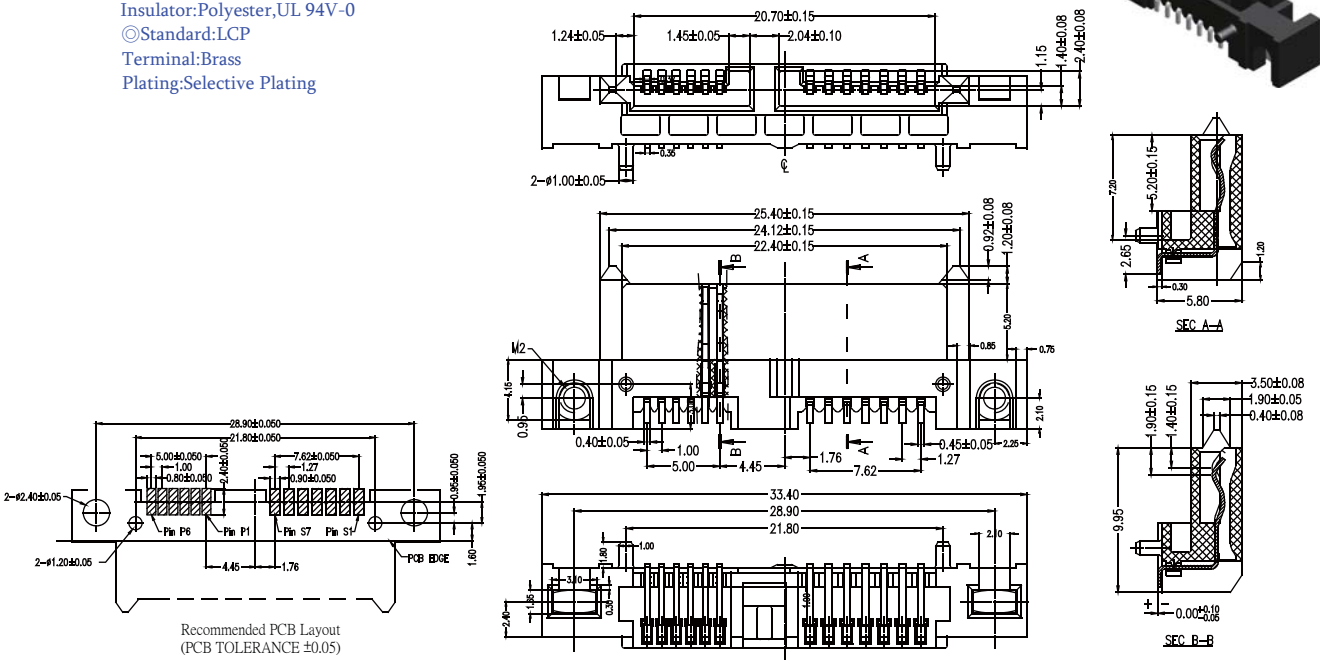
Pin Number	Power Line Designation
P1	+3.3V
P2	+3.3V
P3	GND
P4	GND
P5	+5.5V
P6	+5.5V
P7	DAS/DSS
P8	Optional
P9	Optional

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Part No.:SATAMR-M16SB-V3-U

Specifications
Current Rate:1.5 AMP
Insulation Resistance:1000MΩ Max
Contact Resistance:30 mΩ Min
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55° C to +125° C
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Brass
Plating:Selective Plating





Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Part No.:SATAM-F13SB-G3-U