

Pin NO.	Power Name	Pin NO.	Power Name
P1	V33	P9	V5
P2	V33	P10	GND
P3	V33	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		

Pin NO.	Signal Name
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

NOTES:

***Material**

Housing: LCP+50%GF, UL 94V-0 rated; Color: Black.
 Contact: Phosphor Bronze
 Plating: Au Plating On Contact Area, Sn(100u" Min.) Plating On Solder Tail, Ni(40u" Min.) Underplating Overall.
 Harpoon: Brass
 Plating: Sn(100u"Min)Plating Over Ni(50u"Min)

***Mechanical:**

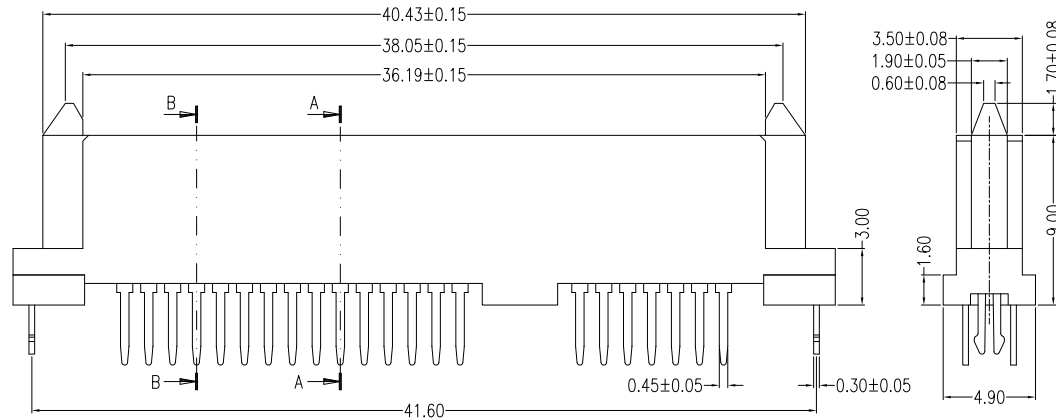
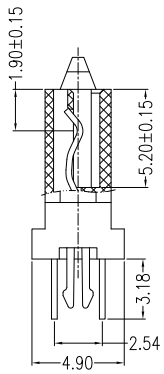
Insertion Force: 45N Max.
 Withdrawal Force: 4N Min.
 Durability: 500 cycles

***Electrical Specification**

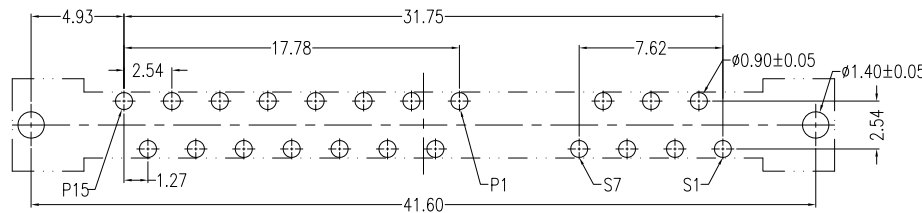
Operation Voltage: 100V AC Max.
 Current Rating: 1.5 Ampere per contact
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500V AC

***Environmental**

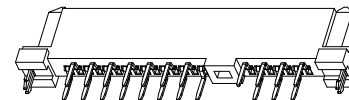
Operating Temperature: -55°C to +85°C



SECT A-A



P.C.B LAYOUT(T=1.60mm)
COMPONENT SIDE



RoHS Compliant

TOLERANCES ARE

DRAWING BY CY

X, ±

CHECKED BY GENIUS

.X ± 0.38

UNIT / mm

SCALE 1 : 1

.XX ± 0.25

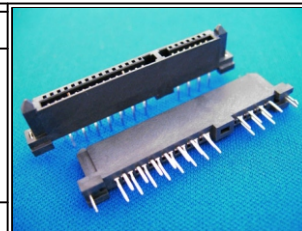
DATE

.XXX ± 0.20

ANG ±

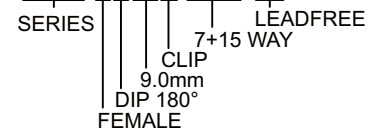
SIZE A4

PJECTION



ORDER INFORMATION

SATA-SD09Z-7+15-LF



DESCRIPTION: Serial ATA 7+15P DIP 180° Without Lock Key Female

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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