

Pin Number	Signal Name	Pin Number	Power Line Designation
S1	GND	P1	DP
S2	A+	P2	+5V
S3	A-	P3	+5V
S4	GND	P4	MD
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND		

Notes:

*Material

Housing: LCP+50%GF, UL 94V-0 rated;

Color: Black.

Contact: Phosphor Bronze

Plating: Gold Plating over Nickel(40~80u") on contact area
Tin(100~250u") plating on solder Tail.

Harpoon: Brass

Plating: Tin(100~250u")Plating Over Nickel(40~80u");

*Mechanical

Insertion Force: 45N max.

Withdrawal Force: 10N min.

Durability: 500 cycles

*Electrical Specification

Current Rating: 1.5 Ampere per contact

Contact Resistance: 30mΩ max.

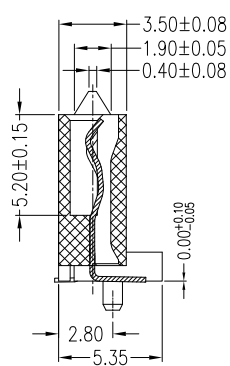
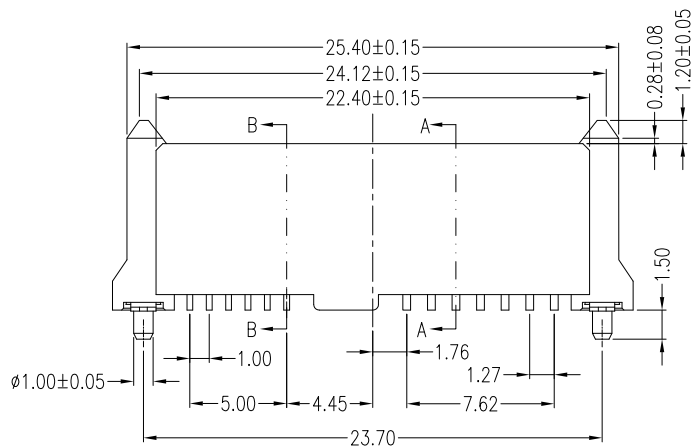
Insulation Resistance: 1000MΩ min.

Dielectric Withstanding Voltage: 500 VAC

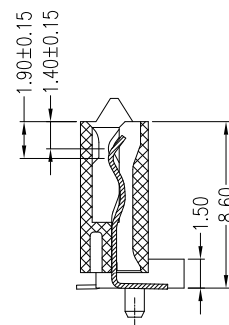
*Environmental

Operating Temperature: -55°C to +85°C

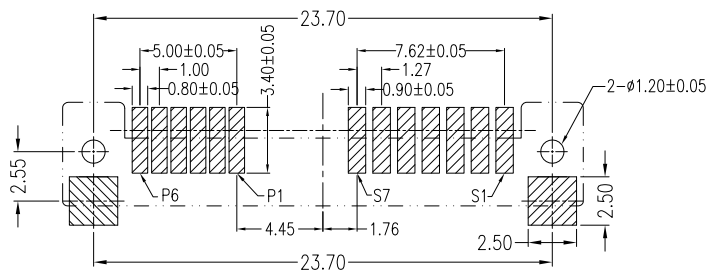
*Products in line with environmental regulations:



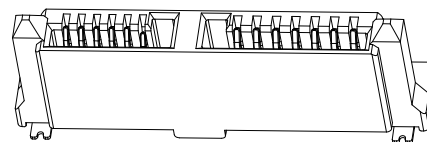
SEC:A-A



SEC:B-B



RECOMMENDED PCB LAYOUT



3D VIEW

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

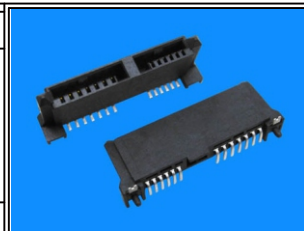
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

SATA-SV08EP2-6+7-LF

SERIES FEMALE
POST 8.60mm
180°SMT
LEADFREE
6+7 WAY

DESCRIPTION: S ATA 7+6P Vertical SMT Female (With Post)