

P.C.B. LAYOUT
COMPONENT SIDE

Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

Power Segment	
Name	Type
P1	V33
P2	V33
P3	V33
P4	GND
P5	GND
P6	GND
P7	V5
P8	V5
P9	V5
P10	GND
P11	DAS/DSS
P12	GND
P13	V12
P14	V12
P15	V12

Notes:

*Material

Housing: LCP+50%G.F., UL94 V-0; Color: Black
 Contact: Brass
 Plating: Au plating on contact area; Sn(100u" Min.) plating on solder tail; Ni(40u" Min.) underplating overall.

*Mechanical

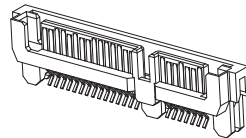
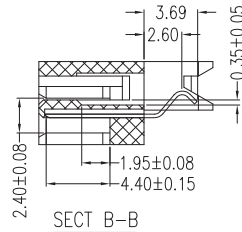
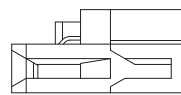
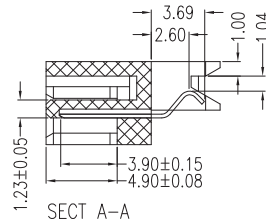
Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 cycles

*Electrical Specification

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

*Environmental

Operating Temperature: -55°C to +85°C



SATA-PEB-7+15-LF
 LEADFREE
 RoHS Compliant



煜倫股份有限公司

PART NO. SATA-PEB-7+15

DWG NO. SATA-PEB-7+15

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION

TOLERANCES ARE

X ±
 .X ± 0.38
 .XX ± 0.25
 .XXX ± 0.20
 ANG

DESCRIPTION:

Serial ATA 7P+15P
 Straddle Male

AREA

REVISIONS

DATE