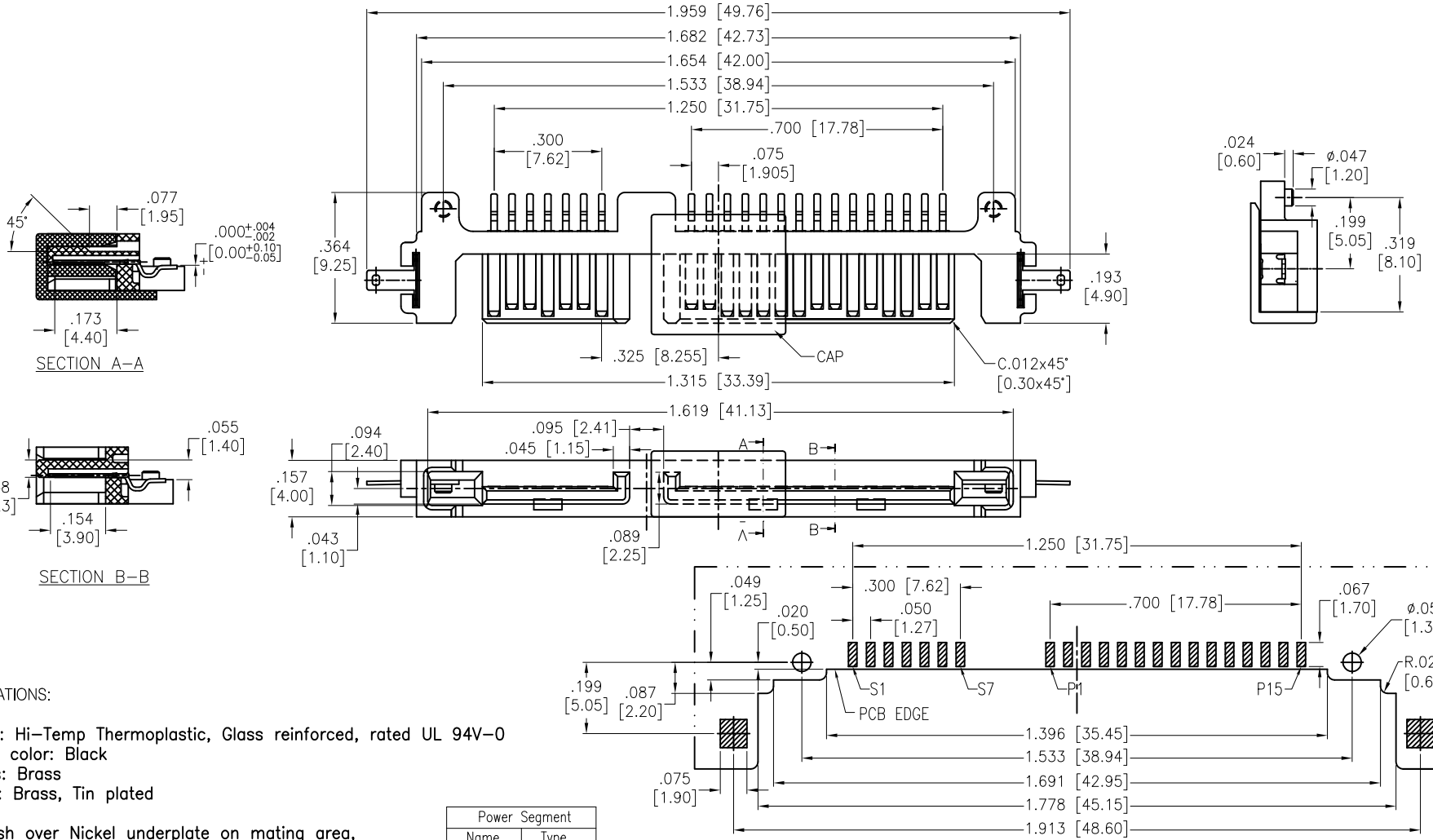
Rev	AWO #	Description	Date	Appr
-		RELEASED	9/30/14	

APPROVED: _____

DATE: _____ TITLE: _____



PACKAGED ON TAPE & REEL

RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Hi–Temp Thermoplastic, Glass reinforced, rated UL 94V–0

Insulator color: Black

Contacts: Brass

Harpoon: Brass, Tin plated

Plating:

Gold flash over Nickel underplate on mating area,
Tin over Copper underplate on tails

Electrical:

Current rating: 1.5 Amps max

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC for 1 minute

Mechanical:

Insertion force: 45N max.

Withdrawal force: 10N min.

Durability: 500 cycles

Temperature Rating:

Operating temperature: –55°C to +85°C

Environmental:

Lead free, RoHS compliant

RoHS COMPLIANT

Deca BDE-free Halogen-free

Power Segment	
Name	Type
P1	V3.3
P2	V3.3
P3	V3.3
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

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

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

APPROVALS		DATE
DRAWN	HR	9/30/14
CHECKED	NP	9/30/14
APPROVED		

METABEE
Metabee (Chengdu) Technology Co., Ltd.
Tel: +8615926241606 E-mail: Sales@metabeeai.com

TITLE: SATA CONNECTOR, 7P + 15P, RIGHT ANGLE, REVERSE SURFACE MOUNT MALE

SIZE	PART NO.	REV.
X	SATA-S1-PM-SMT-R-PP-HF-T/R	-

REF: S00078T | SCALE: NTS | SHEET 1 OF 1