

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/8/16	

RECOMMENDED PCB LAYOUT

Dimensions: $\phi .035$ [0.90], .050 [1.27], .300 [7.62], .550 [13.96]

Dimensions: .028 [0.70], $\phi .015$ B, .354 [9.00], C.014 [0.35], .039 [1.00], .173 [4.40], .260 [6.60]

SECTION A-A
SCALE 1 : 1

Dimensions: .398 [10.10] REF, .020 [0.50], .047~.059 [1.20~1.50], .157 [4.00], .098 [2.50], .217 [5.50], .157 [4.00]

Dimensions: .230 [5.85], .012 [0.30], .057 [1.45], .075 [1.90], .094 [2.40], .055 [1.40], .016 [0.40], .050 [1.27], .042 [1.07], .052 [1.31], .300 [7.62], .416 [10.57]

Dimensions: .106 [2.70] Min

Dimensions: .550 [13.96]

SPECIFICATIONS:

Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Latch: Stainless Steel

Plating:
 15u" Gold over Nickel underplate on mating area,
 Tin over Copper underplate on tails

Electrical:
 Current rating: 1.5 Amps per contact
 Contact resistance: 30 mohms max
 Insulation resistance: 1,000 Mohms min @ 500 VAC
 Dielectric withstanding voltage: 500 VAC for 1 minute
 Temperature Rating:
 Operating temperature: -20°C to +85°C

Environmental:
 Lead free, RoHS compliant

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

ADAM TECH

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TITLE: SERIAL ATA CONNECTOR, 7P, W/EJECT LATCH
 SOCKET VERTICLE DIP FOR PCB

APPROVALS		DATE
DRAWN	AY	3/8/16
CHECKED	LL	3/8/16
APPROVED		

SIZE	PART NO.	REV.
X	SATA-A15-PL-VT-EL-15	-
REF:	S00078T	SCALE: NTS SHEET 1 OF 1

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