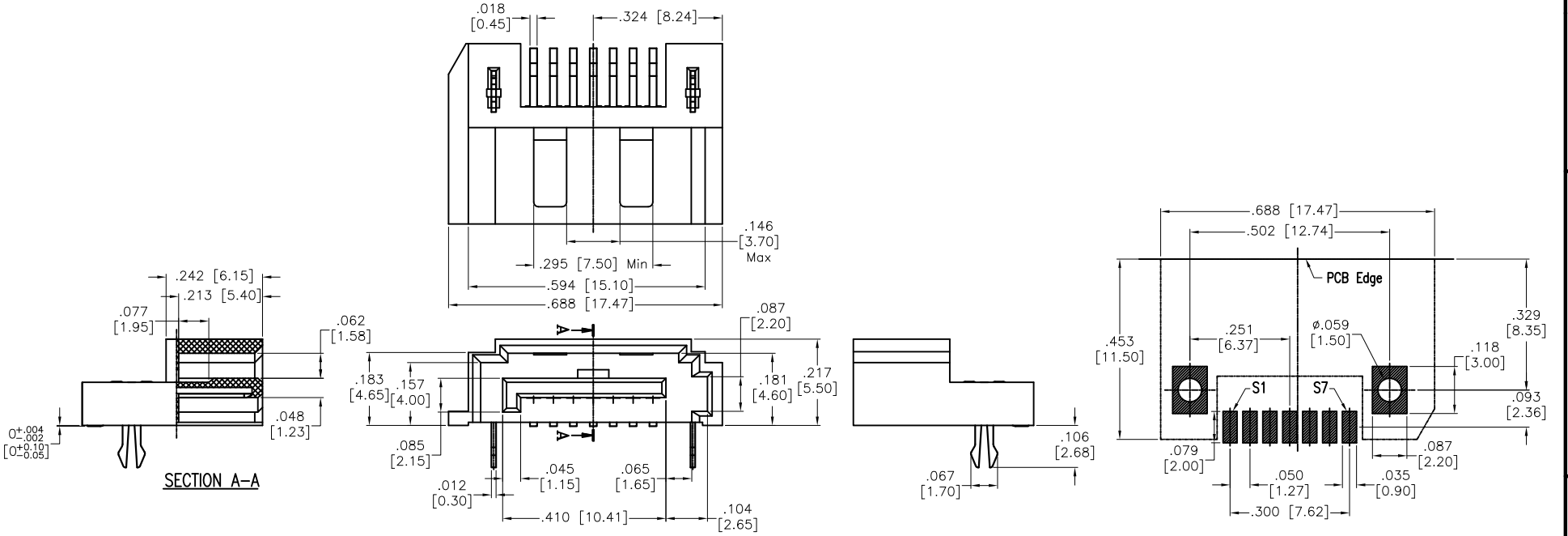


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/15/15	
A		UPDATE DRAWING	8/23/16	AY/MY



**SPECIFICATIONS:**

Material:  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Phosphor Bronze  
 Harpoon: Brass, Tin plated

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

Electrical:  
 Current rating: 1.5 Amps max per contact  
 Contact resistance: 30 mohms max  
 Insulation resistance: 1000 Mohms min  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating:

Operating temperature: -55°C to +85°C  
 Environmental:

Lead free, RoHS compliant.



Pin	SIGNAL NAME
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	.X ± .10	∅.X ± .10
	.XX ± .020	∅.XX ± .015
	.XXX ± .015	∅.XXX ± .010

**ADAM TECH**

909 Rahway Avenue, Union, NJ 07083  
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE: SATA CONNECTOR, 7P, TYPE A  
 LEFT POLARIZATION, SMT, W/ KEY

APPROVALS		DATE
DRAWN	AY	10/15/15
CHECKED	NC	10/15/15
APPROVED		

SIZE X	PART NO. SATA-A-PL-SMT-K-15	REV. A
REF: S00078T	SCALE: NTS	SHEET 1 OF 1