



PIN	SIGNAL NAME
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

SPECIFICATIONS:

Material: Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: White
 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 @ 500 VAC
 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.

ADAM TECH

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

SATA 3.0 7P STRAIGHT DIP, SHIELD
 (TWO HOLD) DIP TYPE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [MM]	
TOLERANCES: EXCEPT AS NOTED	
.X	± .10
.XX	± .020
.XXX	± .015
.XXX	± .010
APPROVALS	
DRAWN	AY
CHECKED	YC
APPROVED	
DATE	2/1/13

SIZE	PART NO.	REV.
X	SATA-3A-PL-VT-K	
REF:	S00078T	SHEET 1 OF 1

