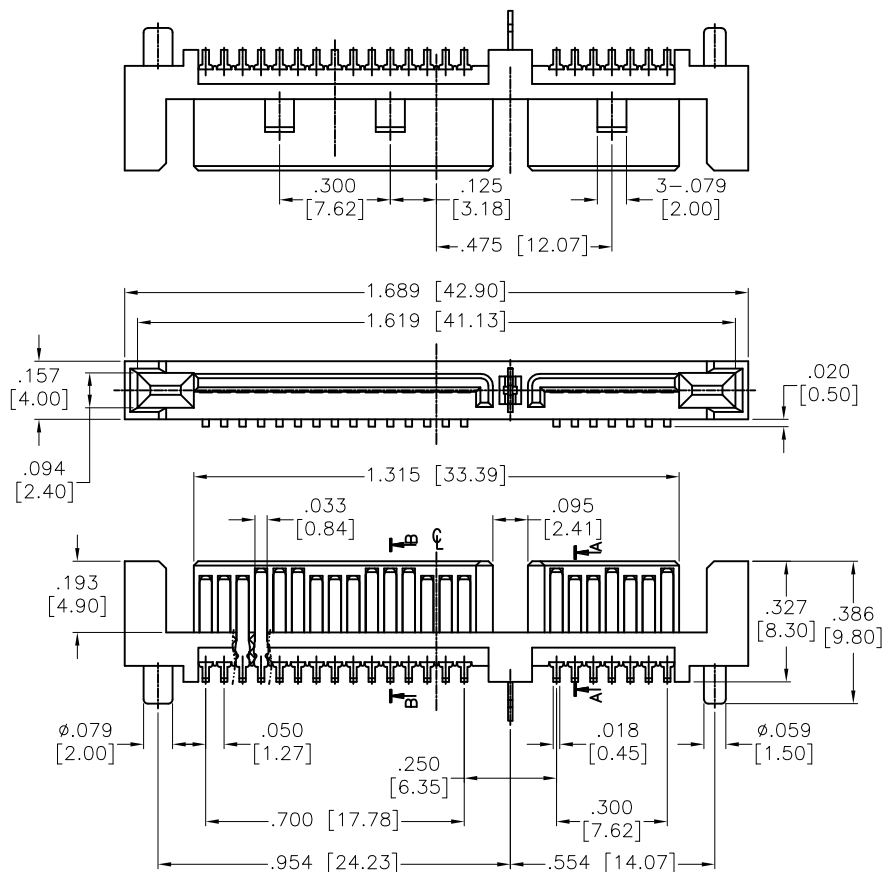
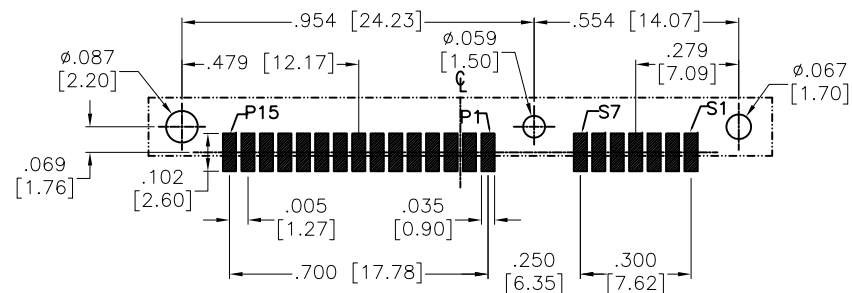


APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

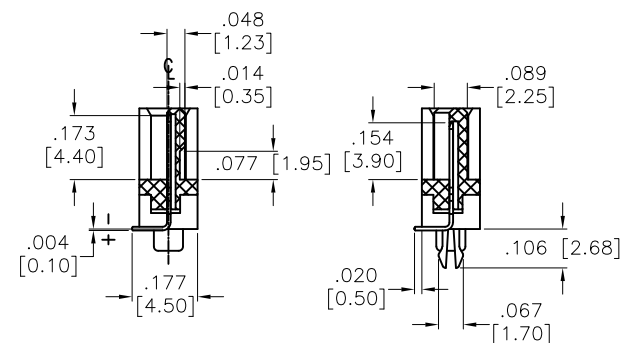
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/23/05	
A		UPDATE DRAWING	6/18/20	AY/EY



Pin NO.	Signal Name	Pin NO.	Power Name	Pin NO.	Power Name
S1	GND	P1	V3.3	P9	V5
S2	A+	P2	V3.3	P10	GND
S3	A-	P3	V3.3	P11	DAS/DSS
S4	GND	P4	GND	P12	GND
S5	B-	P5	GND	P13	V12
S6	B+	P6	GND	P14	V12
S7	GND	P7	V5	P15	V12
		P8	V5		



RECOMMENDED P.C.B. LAYOUT



SECTION B-B

SECTION A-A

SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Brass

Harpoon: Brass, Tin over Nickel plated

Plating:

Gold flash over Nickel underplate on mating area,

Tin over Nickel underplate on tails

Electrical:

Current rating: 1.5 Ampere Per Contact

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC

Temperature Rating:

Operating temperature: -55°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

APPROVALS

DATE

DRAWN

SS

5/23/05

CHECKED

APPROVED

**ADAM**  
**TECH**  
**INTERCONNECTS**

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

TITLE  
SERIAL ATA CONNECTOR, TYPE G  
SURFACE MOUNT

SIZE

X

PART NO.

SATA-G-PM-SMT

REV.

A

REF: S00078T

SCALE: NTS

SHEET 1 OF 1

# Mouser Electronics

Authorized Distributor

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