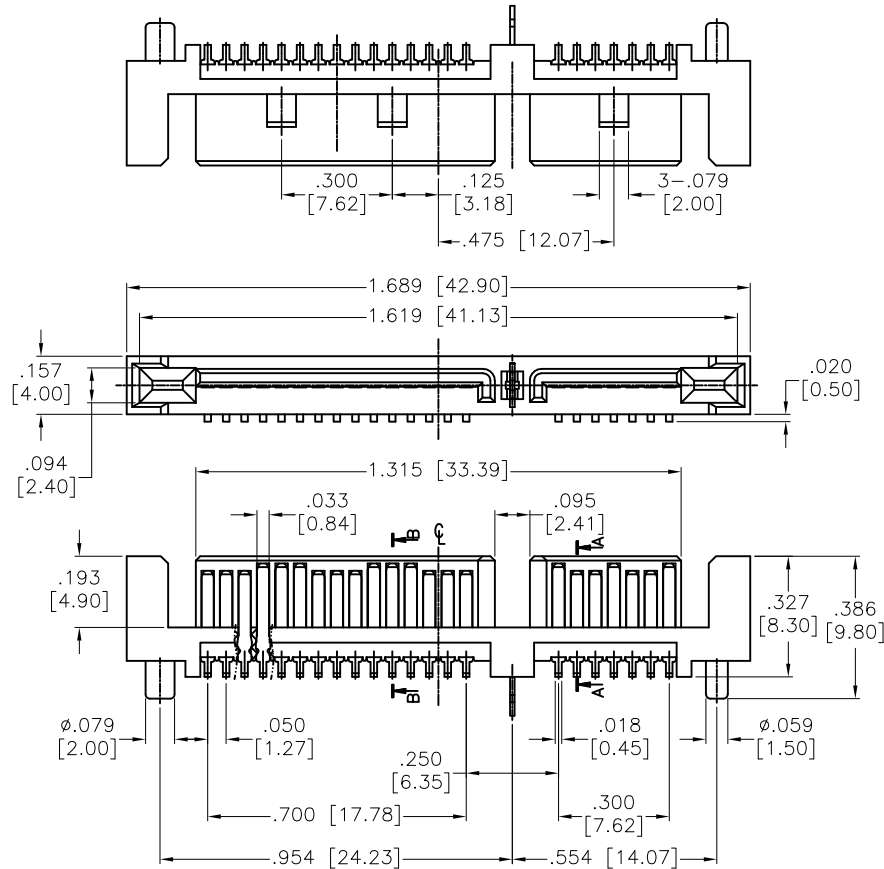
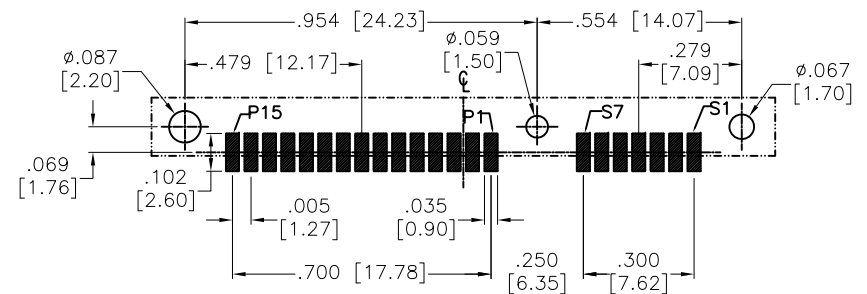


APPROVED: _____
DATE: _____ TITLE: _____

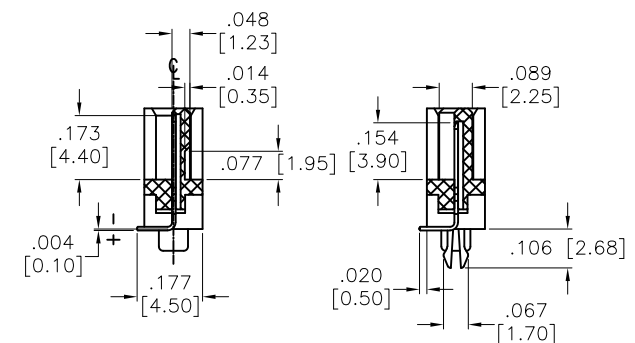
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/23/05	
A		UPDATE DRAWING	6/18/20	AY/EY



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		ADAM TECH INTERCONNECTS		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
APPROVALS		DATE		TITLE	
DRAWN SS		5/23/05		SERIAL ATA CONNECTOR, TYPE G SURFACE MOUNT	
CHECKED				SIZE X	PART NO. SATA-G-PM-SMT
APPROVED				REV. A	
REF: S00078T		SCALE: NTS		SHEET 1 OF 1	