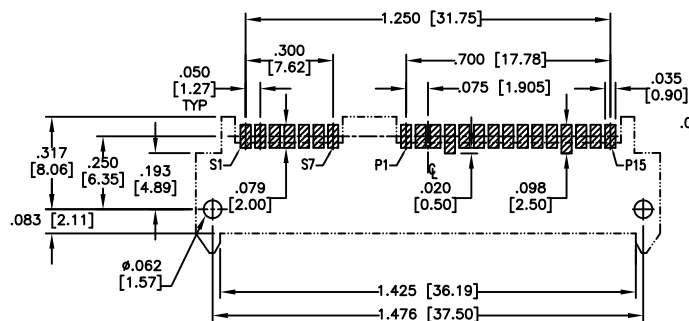
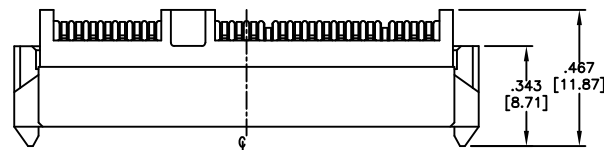


APPROVED: _____

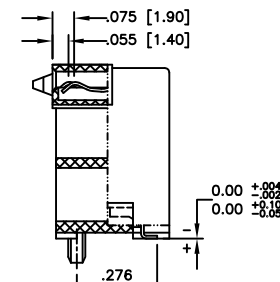
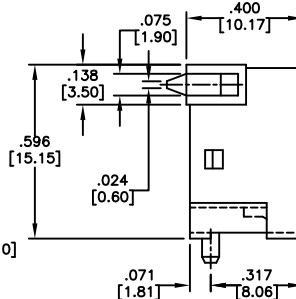
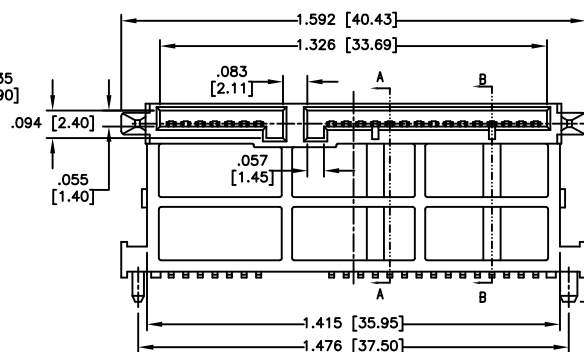
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/1/11	
A		UPDATE DRAWING	9/9/19	LH/KL

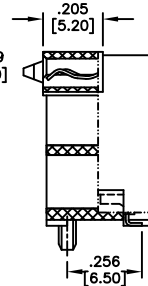
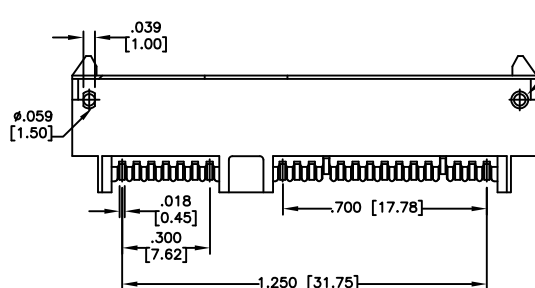


RECOMMENDED PCB LAYOUT

Signal Segment		Power Segment			
Name	Type	Name	Type	Name	Type
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		



SECTION A-A



SECTION B-B

SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Plating:

15u" Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Current rating: 1.5 Amps per contact

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC

Mechanical:

Insertion Force: 20 N Max

Withdrawal Force: 4 N Min

Durability: 500 Cycles

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	AY	8/1/11
CHECKED	RC	8/1/11
APPROVED		



TITLE			
SATA CONNECTOR, 7P + 15P, SMT TYPE, FEMALE			
SIZE	PART NO.	REV.	
X	SATA-A11-PM-SMT	A	
REF:	S00078T	SCALE:	NTS
		SHEET 1 OF 1	