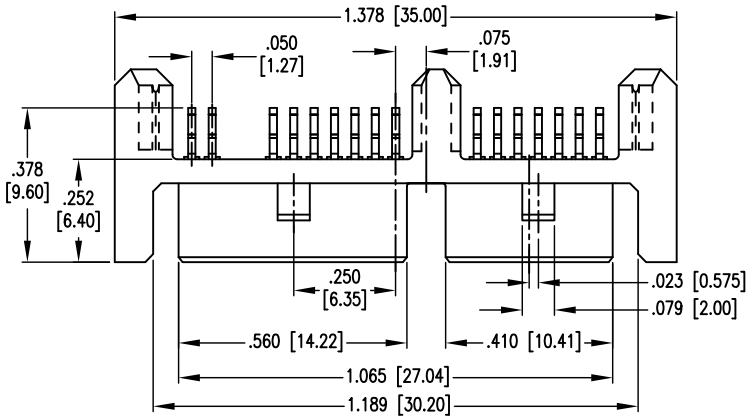
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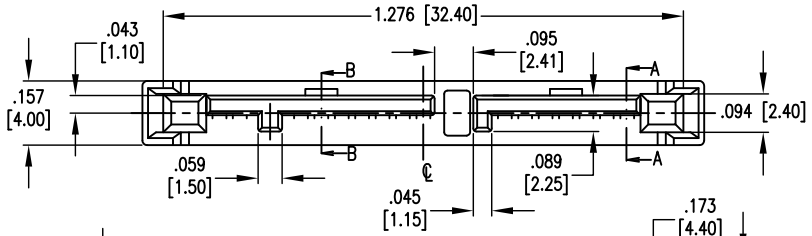
DATE: _____ TITLE: _____

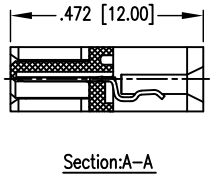
Rev	AWO #	Description	Date	Appr
-	11221	RELEASED	3/28/11	
A		UPDATE SPEC.	10/16/19	AY/KL



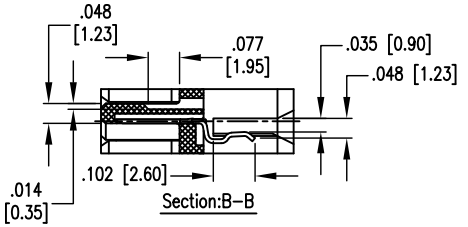
Pin Number	Signal Name	Description
S1	GND	
S2	A+	Differential Signal
S3	A−	
S4	GND	
S5	B−	Differential Signal
S6	B+	
S7	GND	

Pin Number	Power Designation
P1	+3.3V
P2	+3.3V
P3	GND
P4	GND
P5	+5V
P6	+5V
P7	Reserved
P8	Optional
P9	Optional

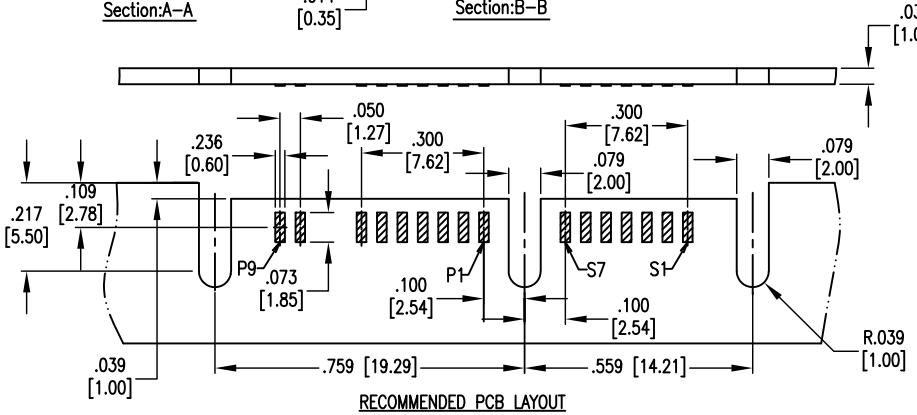




Section:A–A



Section:B–B



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V–0

Insulator color: Black

Contacts: Brass

Plating:

Gold Flash over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails

Electrical:

Current rating: 1.5 Ampere per contact

Contact resistance: 30 mohms max

Insulation resistance: 1000 Mohms min

Dielectric withstanding voltage: 500 VAC

Temperature Rating:

Operating temperature: −55°C to +85°C

Environmental:

Lead free, RoHS compliant

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	DY	3/28/11
CHECKED		
APPROVED		

METABEE
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TITLE

MICRO SATA 7+7+2P STRADDLE MALE

SIZE	PART NO.	REV.
X	SATA-Y-PR-SM	A

REF:	SCALE:	SHEET
S00078T	NTS	1 OF 1