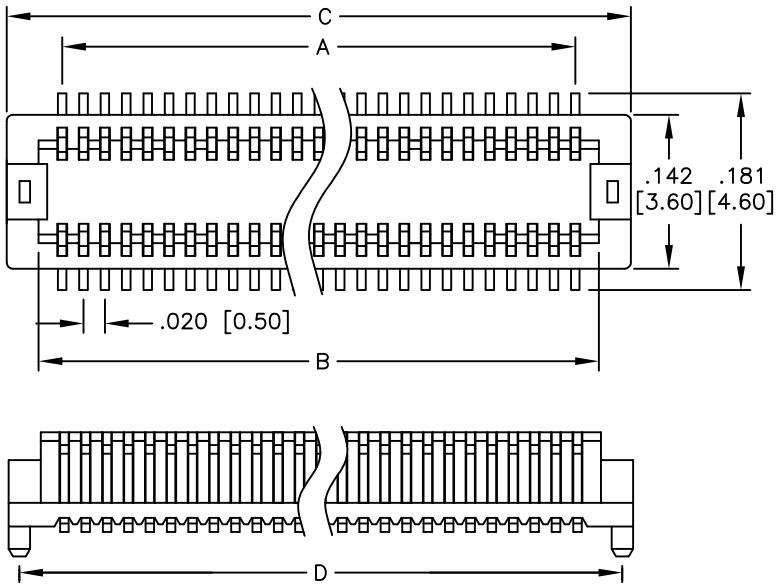
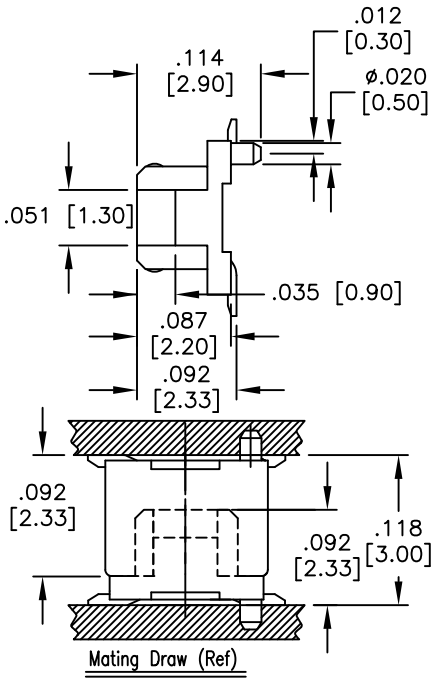
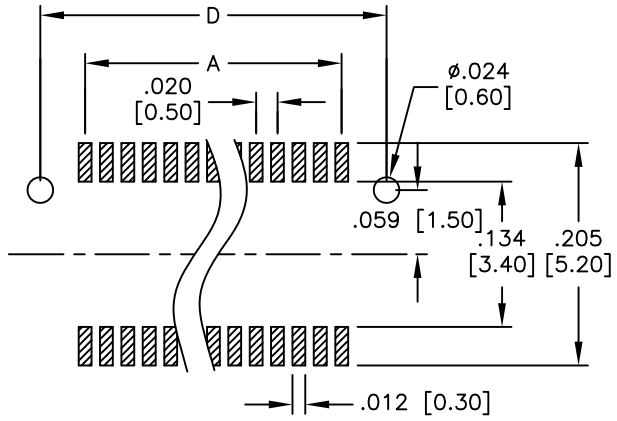
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/25/09	

APPROVED: _____

DATE: _____ TITLE: _____







RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: Nylon 46, rated UL 94V–0
Insulator color: White
Contacts: Phosphor Bronze
Plating:
Gold flash over Nickel underplate overall
Electrical:
Operating voltage: 50 VAC max.
Current rating: 0.5 Amps max.
Contact resistance: 30 mohms max. initial
Insulation resistance: 100 Mohms min@ 100V DC
Dielectric withstanding voltage: 100 VAC for 1 minute
Temperature Rating:
Operating temperature: –20°C to +105°C
Environmental:
Lead free, RoHS compliant
Recommended soldering temp: 260°C for 5 seconds

RoHS COMPLIANT

Positions: 10, 12, 14, 16, 20, 22, 26, 30, 32, 36, 40, 50, 60, 80
A = .020 [0.50] x (No. of Contacts – 1)
B = .020 [0.50] x (No. of Contacts – 1) + .043 [1.10]
C = .020 [0.50] x (No. of Contacts – 1) + .102 [2.60]
D = .020 [0.50] x (No. of Contacts – 1) + .083 [2.10]

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	5/25/09
CHECKED		
APPROVED		

METABEE

TITLE: .020 [0.50] BOARD TO BOARD SOCKET
2.2 MM HEIGHT, SMT TYPE

SIZE	PART NO.	REV.
X	BB5-S3-XX-G	-

REF:	SCALE:	SHEET
S00056T	NTS	1 OF 1