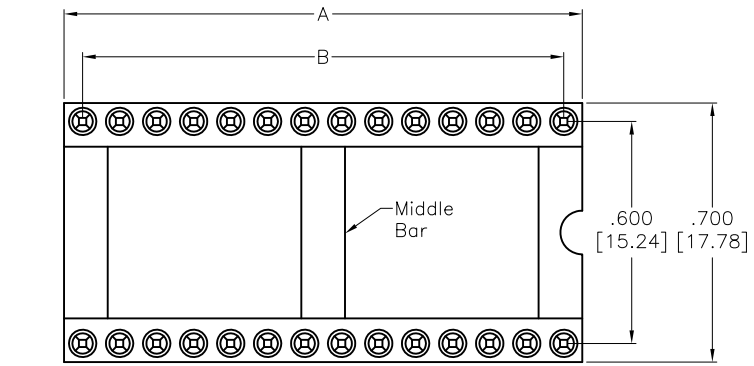
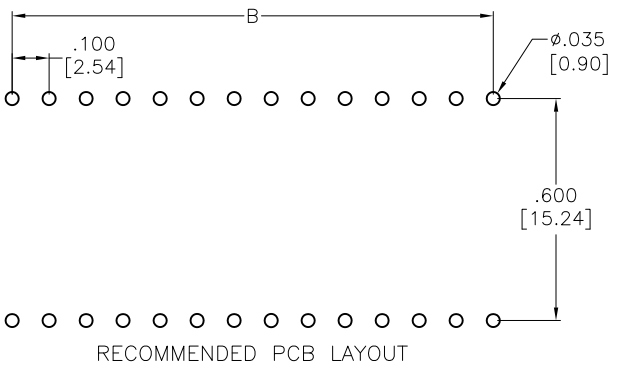
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/7/16	

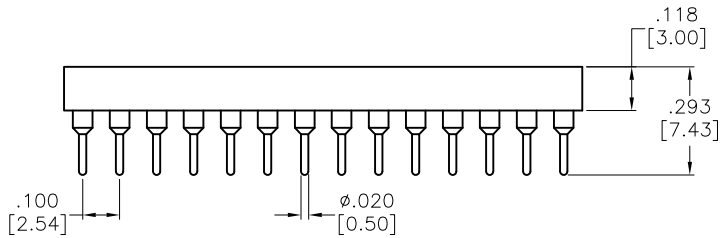
APPROVED: _____

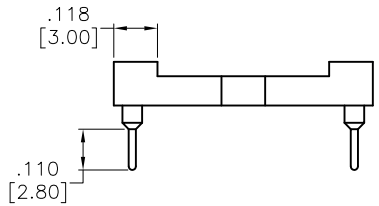
DATE: _____ TITLE: _____





RECOMMENDED PCB LAYOUT





SPECIFICATIONS:
Material:
Insulator: (PPS) Hi-Temp Thermoplastic, rated UL 94V-0
Insulator color: Black
Pin (Outer Sleeve): Brass
Clip (Contact 4 finger): Beryllium Copper
Plating:
Inner contact: Gold flash over Nickel underplate
Outer sleeve: Tin over Nickel underplate overall
Electrical :
Operating voltage : 60VAC/DC
Current rating : 3 Amps/contact max.
Current resistance : ≦ 4mΩ / contact
Insulation resistance : ≧ 1,000MΩ at 100 V
Mechanical :
Operating temperature : Gold plated : −55°C to + 105°C
Tin plated : −40°C to + 105°C
Average insertion force : < 250g
With steel pin of Ø.017 [0.43mm]
Average withdrawal force : > 90g min.
With steel pin of Ø.017 [0.43mm]
Mechanical life : 200 Cycle min.
Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

Series	POSITION	A	B	MIDDLE BAR
ICM-6XX	20	1.000 [25.40]	.900 [22.86]	WITH
	24	1.200 [30.48]	1.100 [27.94]	
	28	1.400 [35.56]	1.300 [33.02]	
	32	1.600 [40.64]	1.500 [38.10]	
	40	2.000 [50.80]	1.900 [48.26]	
	42	2.100 [53.34]	2.000 [50.80]	
	48	2.400 [60.96]	2.300 [58.42]	
	64	3.200 [81.28]	3.100 [78.74]	

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	11/7/16
CHECKED	DH	11/7/16
APPROVED		

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

TITLE: SCREW MACHINE IC SOCKET
.600" ROW SPACING, HI-TWMP

SIZE	PART NO.	REV.
X	ICM-6XX-1-GT-HT	-

REF: S00145C | SCALE: NTS | SHEET 1 OF 1