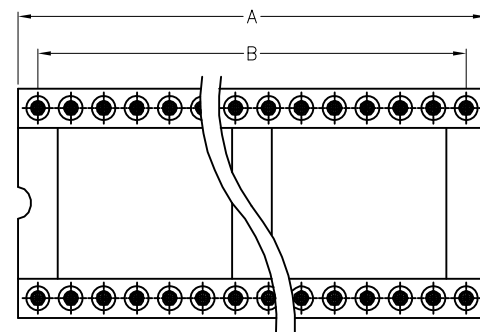
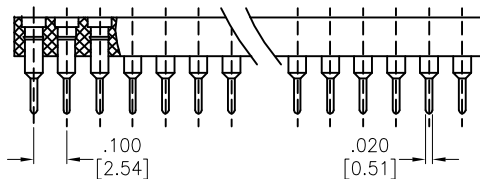
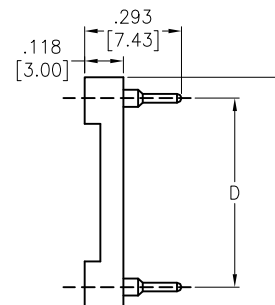
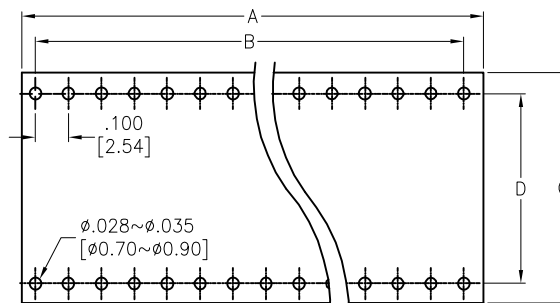


APPROVED: _____

DATE: _____ TITLE: _____



Rev	AWO #	Description	Date	Appr
-		RELEASED	3/30/05	
A		REVISED & REDRAWN	10/06/11	
B		REVISED SPEC.	10/25/11	
C		REVISED DIM.	03/08/12	



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Glass filled thermoplastic polyester, rated UL 94V-0

Insulator color: Black

Contacts: Brass

Clip: Beryllium copper

Plating:

Gold over Nickel underplate on Inner contacts,

Tin over Copper underplate on outer sleeve

Electrical :

Current rating : 3amps/contact max.

Current resistance : $\leq 4m\Omega$ / contact

Insulation resistance : $\geq 10,000M\Omega$ at 500 VAC

Rated voltage : 100 VRMS / 150VDC

Mechanical :

Operating temperature : Gold plated : $-55^{\circ}C$ to $+125^{\circ}C$

(Continuous) Tin plated : $-40^{\circ}C$ to $+105^{\circ}C$

Average insertion force : $< 250g$

With steel pin of $\varnothing.017$ [0.43mm]

Average withdrawal force : $> 50g$

With steel pin of $\varnothing.017$ [0.43mm]

Mechanical life : min. 200

Environmental:

Lead free, RoHS compliant.



Series	POSITION	A	B	C	D
ICM-6XX	24	1.20 [30.48]	1.10 [27.94]	.700 [17.78]	.600 [15.24]
	28	1.40 [35.56]	1.30 [33.02]		
	32	1.60 [40.64]	1.50 [38.10]		
	36	1.80 [45.72]	1.70 [43.18]		
	40	2.00 [50.80]	1.90 [48.26]		
	42	2.10 [53.34]	2.00 [50.80]		
	48	2.40 [60.96]	2.30 [58.42]		
	50	2.50 [63.50]	2.40 [60.96]		
	52	2.60 [66.04]	2.50 [63.50]		

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES HOLES
.X $\pm .10$ Ø.X $\pm .10$
.XX $\pm .020$ Ø.XX $\pm .015$
.XXX $\pm .015$ Ø.XXX $\pm .010$

APPROVALS		DATE
DRAWN	SS	3/30/05
CHECKED		
APPROVED		



TITLE
SCREW MACHINE IC SOCKET
.600" ROW SPACING

SIZE X	PART NO. ICM-6XX-1-GT	REV. C
REF: S00007T	SCALE: NTS	SHEET 1 OF 1