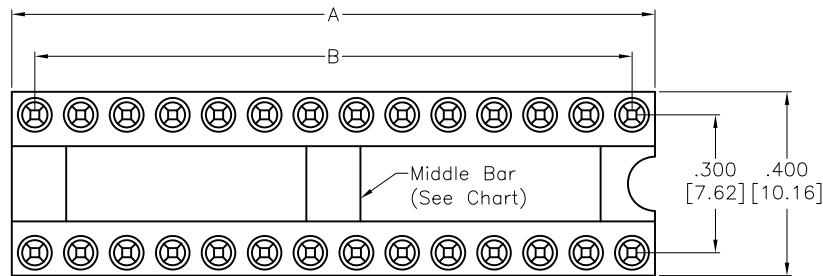
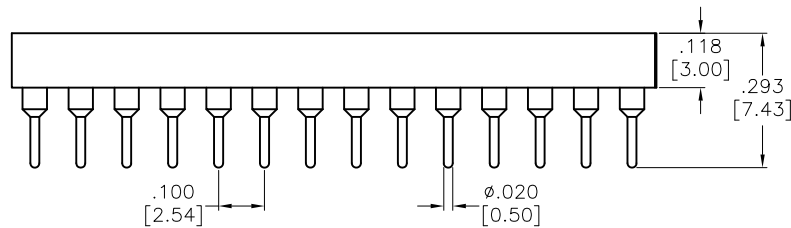
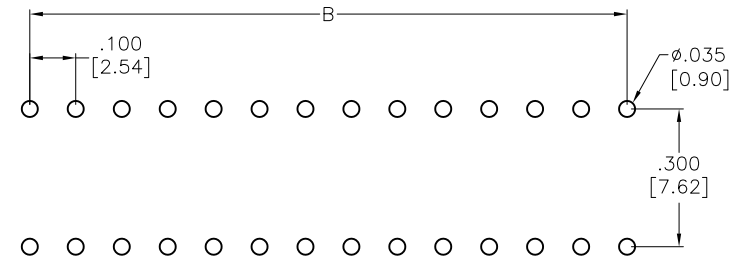


APPROVED: _____

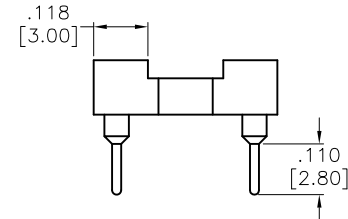
DATE: _____ TITLE: _____



Rev	AWO #	Description	Date	Appr
-		RELEASED	3/30/05	
A		REVISED SPEC.	10/25/11	
B		UPDATE DRAWING	11/5/18	AY/RC
C		UPDATE SPEC.	1/27/21	OW/EY
D		UPDATE CHART	8/5/22	SS



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

Insulator: PBT, 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: $\leq 4\text{m}\Omega$ / contact

Insulation resistance: $\geq 1,000\text{M}\Omega$ at 100 V

Mechanical:

Operating temperature: Gold plated: -55°C to $+105^{\circ}\text{C}$

Tin plated: -40°C to $+105^{\circ}\text{C}$

Average insertion force: $< 250\text{g}$

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

Average withdrawal force: $> 20\text{g}$ min.

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

Mechanical life: 200 Cycle min.

Environmental:

Lead free, RoHS compliant



P/N	POSITION	A	B	MIDDLE BAR
ICM-306-1-GT	6	.300 [7.62]	.200 [5.08]	WITHOUT
ICM-308-1-GT	8	.400 [10.16]	.300 [7.62]	
ICM-310-1-GT	10	.500 [12.70]	.400 [10.16]	
ICM-312-1-GT	12	.600 [15.24]	.500 [12.70]	
ICM-314-1-GT	14	.700 [17.78]	.600 [15.24]	
ICM-316-1-GT	16	.800 [20.32]	.700 [17.78]	
ICM-318-1-GT	18	.900 [22.86]	.800 [20.32]	WITH
ICM-320-1-GT	20	1.000 [25.40]	.900 [22.86]	
ICM-324-1-GT	24	1.200 [30.48]	1.100 [27.94]	
ICM-328-1-GT	28	1.400 [35.56]	1.300 [33.02]	

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

.X $\pm .10$ $\varnothing$.X $\pm .10$
.XX $\pm .020$ $\varnothing$.XX $\pm .015$
.XXX $\pm .015$ $\varnothing$.XXX $\pm .010$

APPROVALS		DATE
DRAWN	SS	3/30/05
CHECKED		
APPROVED		



TITLE
SCREW MACHINE IC SOCKET
.300" ROW SPACING

SIZE X	PART NO. ICM-3XX-1-GT	REV. D
REF: S00145C	SCALE: NTS	SHEET 1 OF 1