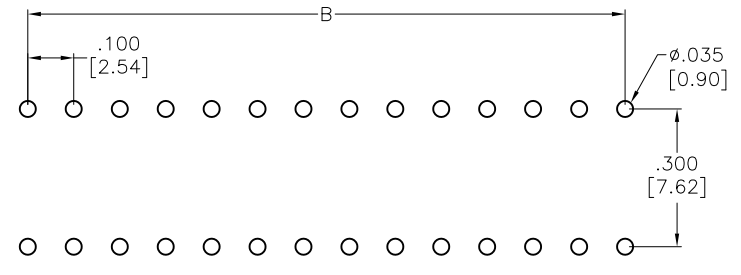
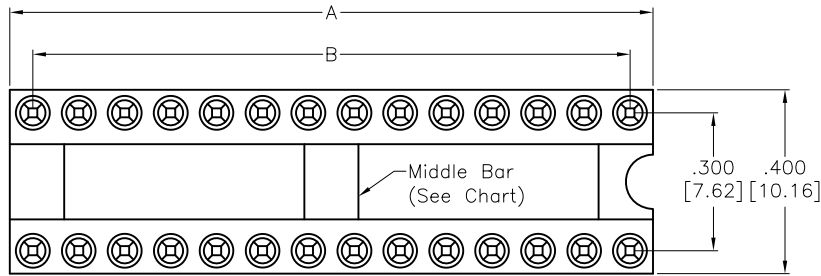
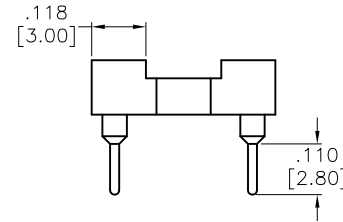
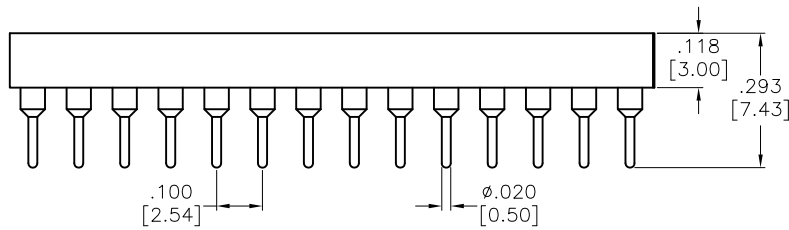


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



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]	

**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:  $\leq 4m\Omega$  / contact  
 Insulation resistance:  $\geq 1,000M\Omega$  at 100 V  
 Mechanical:  
 Operating temperature: Gold plated:  $-55^{\circ}C$  to  $+105^{\circ}C$   
 Tin plated:  $-40^{\circ}C$  to  $+105^{\circ}C$

Average insertion force:  $< 250g$   
 With steel pin of  $\phi 0.017$  [0.43mm]  
 Average withdrawal force:  $> 20g$  min.  
 With steel pin of  $\phi 0.017$  [0.43mm]  
 Mechanical life: 200 Cycle min.  
 Environmental:  
 Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE INCHES [MM]  
 TOLERANCES: EXCEPT AS NOTED  
 INCHES HOLES  
 .X  $\pm .10$   $\phi X$   $\pm .10$   
 .XX  $\pm .020$   $\phi XX$   $\pm .015$   
 .XXX  $\pm .015$   $\phi XXX$   $\pm .010$

APPROVALS		DATE
DRAWN	SS	3/30/05
CHECKED		
APPROVED		



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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	