

1. LID O.D. TO BE .008 SMALLER THAN PACKAGE O.D. (.004 PER SIDE)
2. LID I.D. TO BE .008 SMALLER THAN PACKAGE I.D. (.004 PER SIDE) $\triangle C$

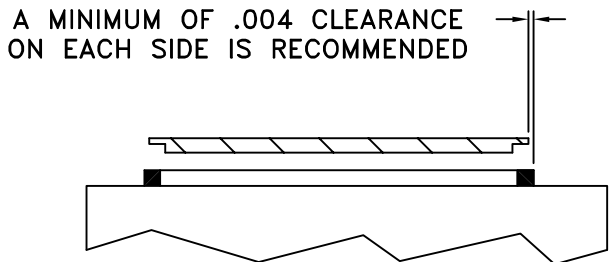
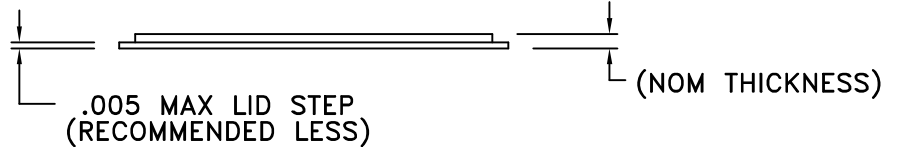
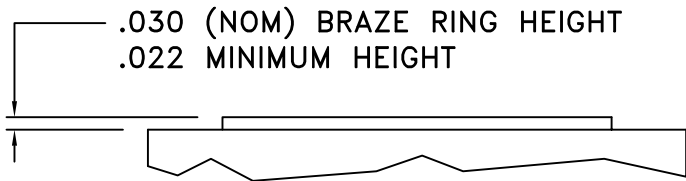
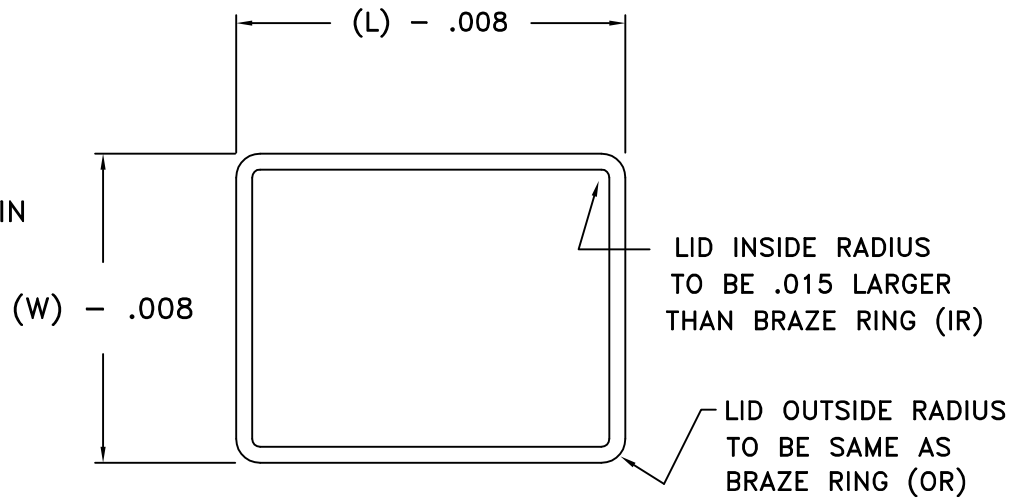
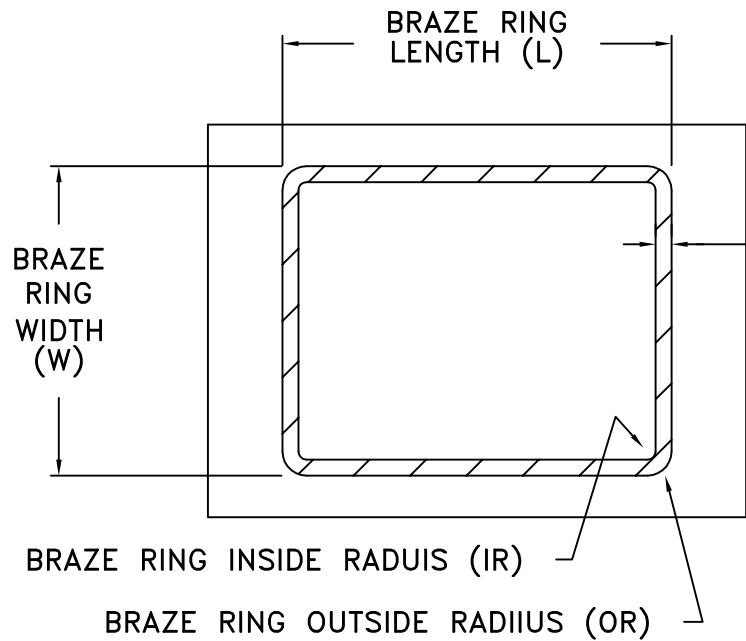
SEE ALSO DWGS 109-00083-002 & -003 $\triangle C$

3. LID STEP THICKNESS TO BE .005 MAX AFTER PLATING (RECOMMENDED LESS)
4. TYPICAL MATERIAL IS KOVAR

5. TYPICAL PLATING:
 - A) NICKEL: ELECTROLESS/ELECTROLYTIC 50-150 MICROINCH.
 - B) GOLD: 50 MICROINCH

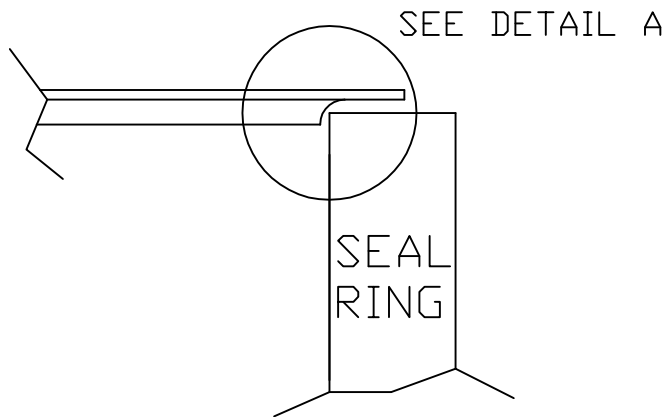
6. LID DESIGN SHOULD BE SUCH THAT THE LID IS NEVER LARGER THAN THE SEAL RING.

			 1820 S. Myrtle Ave. Monrovia, CA 91017		C	SEE ECO#2174	MJC	23AUG01
					B	REVISE CLEARANCE SPEC DIMS	SP	12NOV99
PART NO	NEXT ASSY NO	QTY			REV	DESCRIPTION	APPV	DATE
APPLICATION					DESIGN GUIDELINES FOR SEAM WELDED METAL PACKAGES			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			DRAWN S PIERCE 19 OCT 1999	DATE 19 OCT 1999				
XX= ± XXX= ± XXXX= ± ANGLE= ±			FINISHED PARTS TO BE DEBURRED, DECREASED, CLEANED, AND ALL SHARP EDGES REMOVED.		CODE IDENT	DWG NO 109-00083-000		
			DO NOT SCALE PRINT		FILE NO	DWG SIZE A	SCALE /	SHEET OF

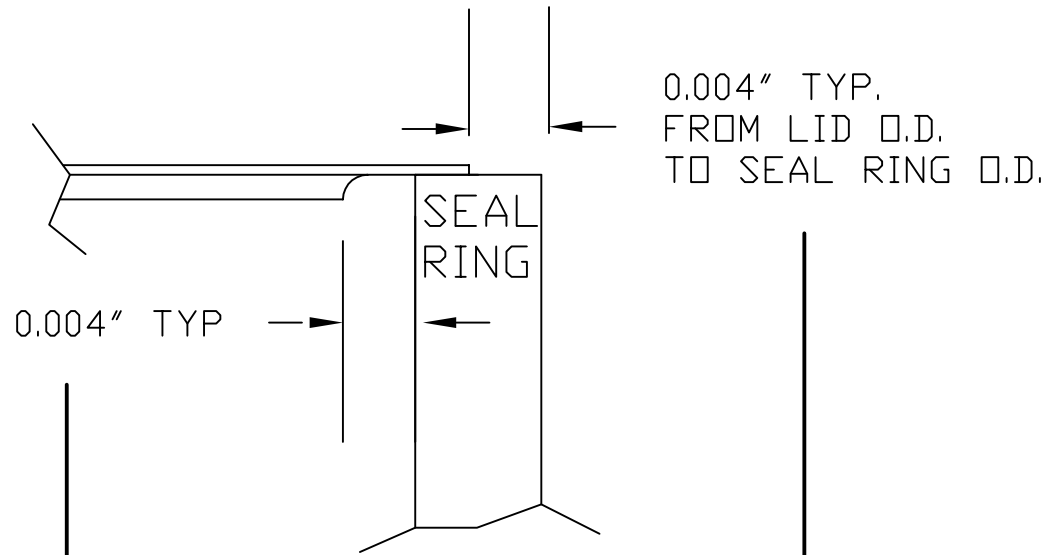


1. LID O.D. TO BE .008 SMALLER THAN BRAZE RING O.D. (.004 PER SIDE)
 2. LID I.D. TO BE .008 SMALLER THAN BRAZE RING I.D. (.004 PER SIDE) ⚠
- SEE ALSO DWGS 109-00083-002 & -003 ⚠
3. LID STEP THICKNESS TO BE .005 MAX AFTER PLATING (RECOMMENDED LESS)
 4. LID DESIGN SHOULD BE SUCH THAT THE LID IS NEVER LARGER THAN THE SEAL RING.

1820 S. Myrtle Ave. Monrovia, CA 91017			B	SEE ECO#2174	MJC	23AUG01
			A	REVISE LID SPEC	SP	19OCT99
APPLICATION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES XX= ± XXX= ± XXXX= ± ANGLE= ±			DRAWN	DATE	CHECKED	DATE
			S PIERCE	19 OCT 1999		
			APPV	DATE	APPV	DATE
			FINISHED PARTS TO BE DEBURRED, DECREASED, CLEANED, AND ALL SHARP EDGES REMOVED.			
			DO NOT SCALE PRINT			
			DESIGN GUIDELINES FOR SEAM WELDED CERAMIC PACKAGES			
			CODE IDENT	DWG NO		
					109-00083-001	
			FILE NO	DWG SIZE	SCALE	SHEET OF
					A	OF



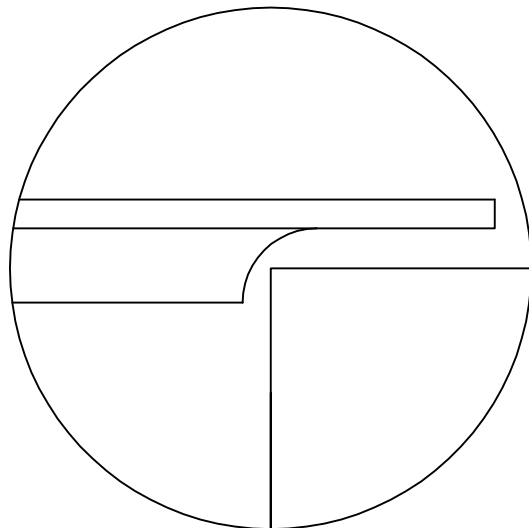
NOT ENOUGH CLEARANCE
BETWEEN LID STEP
AND SEAL RING I.D.



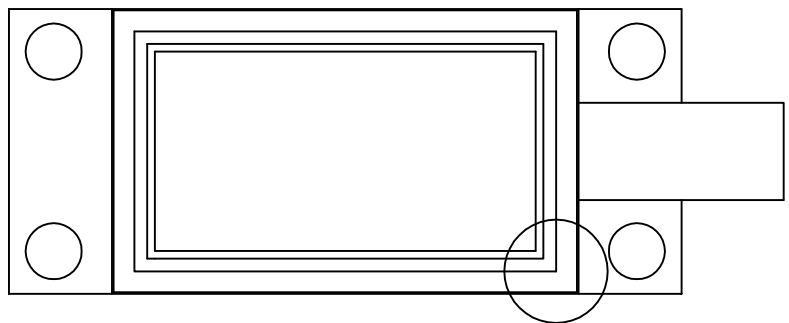
SUFFICIENT CLEARANCE
BETWEEN LID STEP
AND SEAL RING I.D.

THESE DIMENSIONS
SHOULD BE EQUAL
TO PREVENT THE LID FROM
OVERHANGING THE SEAL RING

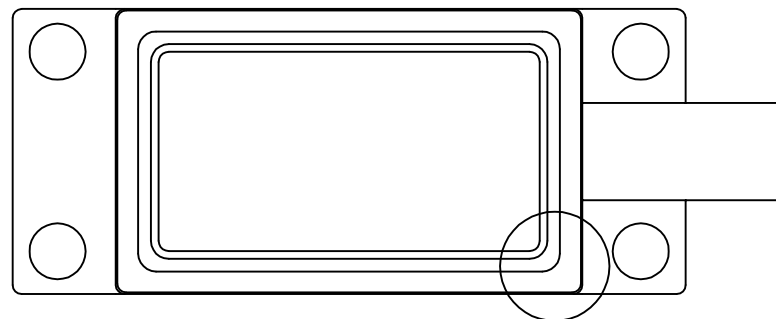
DETAIL A



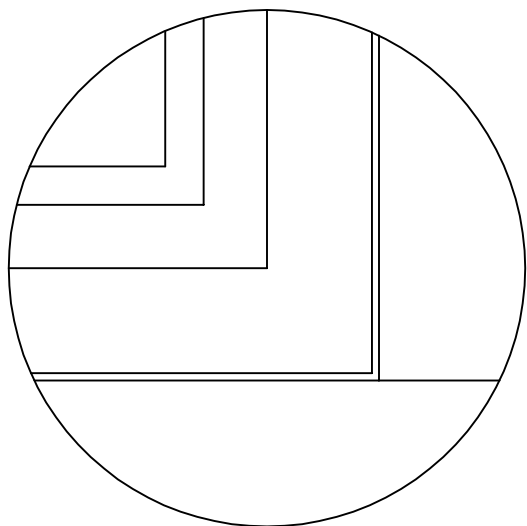
			 1820 S. Myrtle Ave. Monrovia, CA 91017			REV	DESCRIPTION	APPV	DATE	
PART NO	NEXT ASSY NO	QTY				ILLUSTRATION OF CORRECT LID STEP DIMENSIONING				
APPLICATION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES XX= ± .010 XXX= ± .005 XXXX= ± .0005 ANGLE= ± 1°			DRAWN RR 20AUG01	CHECKED	DATE					CODE IDENT
			APPV	DATE	APPV	DATE	FILE NO	DWG SIZE A	SCALE /	SHEET OF
			FINISHED PARTS TO BE DEBURRED, DECREASED, CLEANED, AND ALL SHARP EDGES REMOVED. DO NOT SCALE PRINT							



SEE DETAIL A

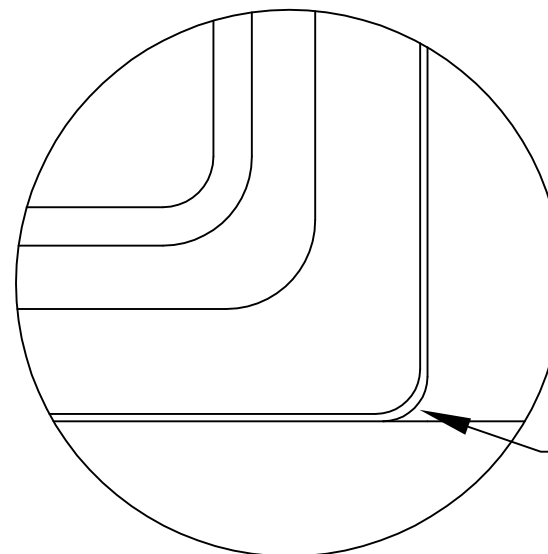


DETAIL B



DETAIL A


90° CORNERS ON LID
AND PACKAGE—
UNDESIRABLE



RAD. .020" MIN
ON PACKAGE

DETAIL B

SHOULD HAVE CORNER RADII
AS SHOWN IN DETAIL B

PART NO			NEXT ASSY NO			QTY			 1820 S. Myrtle Ave. Monrovia, CA 91017				REV	DESCRIPTION	APPV	DATE
APPLICATION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES XX= ± .010 XXX= ± .005 XXXX= ± .0005 ANGLE= ± 1°													DRAWN RR 21AUG01 DATE 21AUG01			
FINISHED PARTS TO BE DEBURRED, DECREASED, CLEANED, AND ALL SHARP EDGES REMOVED. DO NOT SCALE PRINT									CODE IDENT FILE NO		DWG NO 109-00083-003		SCALE A /		SHEET OF	