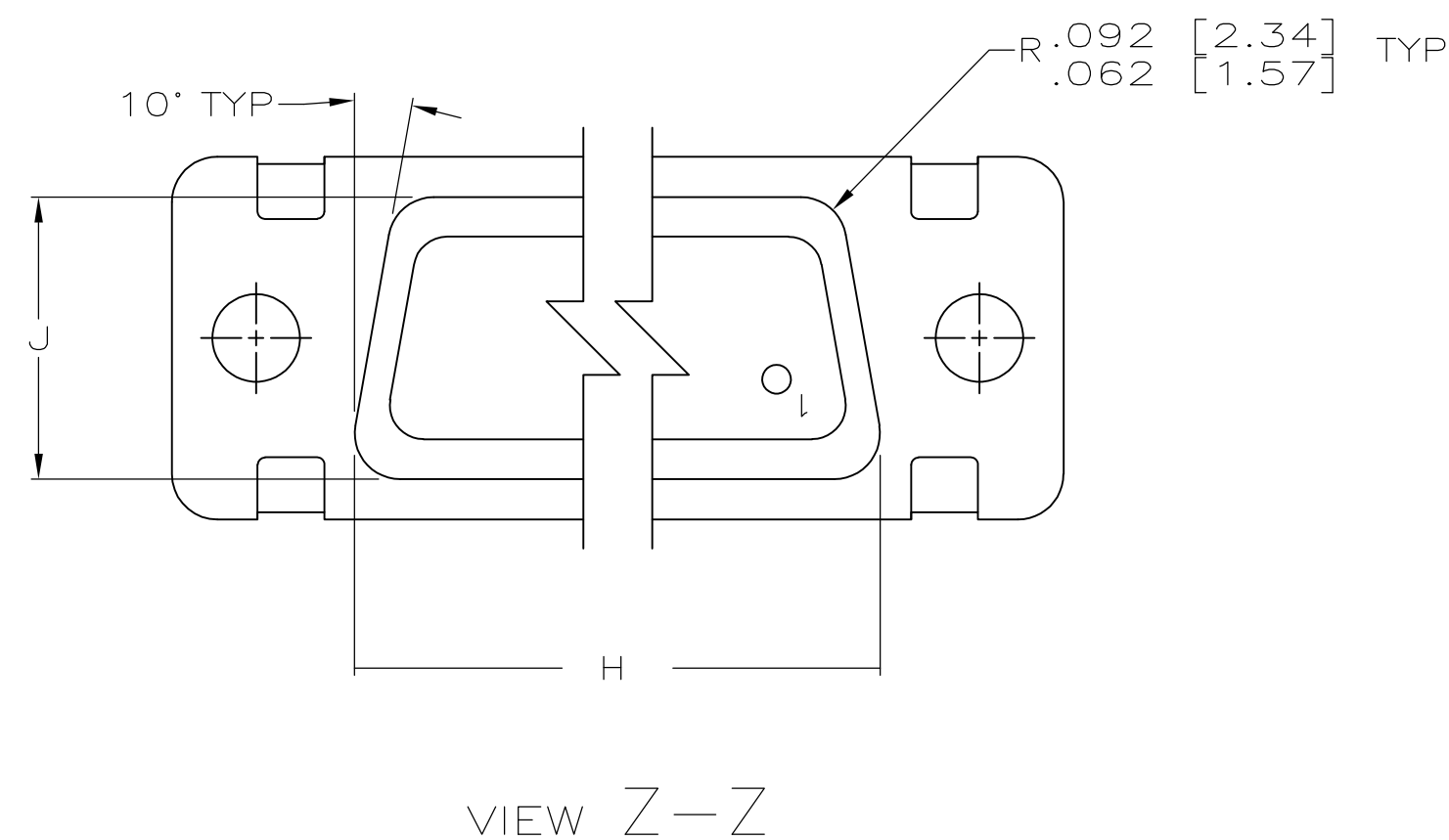




3. MARK WITH .047 [1.19]—.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MILITARY PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:

- "M24308" ON FRONT SHELL, FAR SIDE.
- SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
- "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

A. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
B. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
C. MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.

5 SOLDER DIP PER MIL-STD-2000 COMPOSITION Sn63 CONFORMING TO QQ-S-571.
COVERAGE SHALL BE COMPLETE TO A DISTANCE .020 [0.51] MAX FROM
INSERT ASSEMBLY.

6. THE SOLDER DIP PROCESS IS PERFORMED SUBSEQUENT TO THE COMPLETION OF PRODUCTION OF THE MILITARY QUALIFIED CONNECTOR. DIMENSIONS APPLY PRIOR TO SOLDER DIPPING.

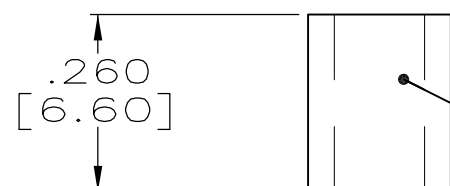
△ SPACERS (QTY 2) ARE SUPPLIED WITH CONNECTORS
(NOT ATTACHED TO THE CONNECTOR).

8. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.

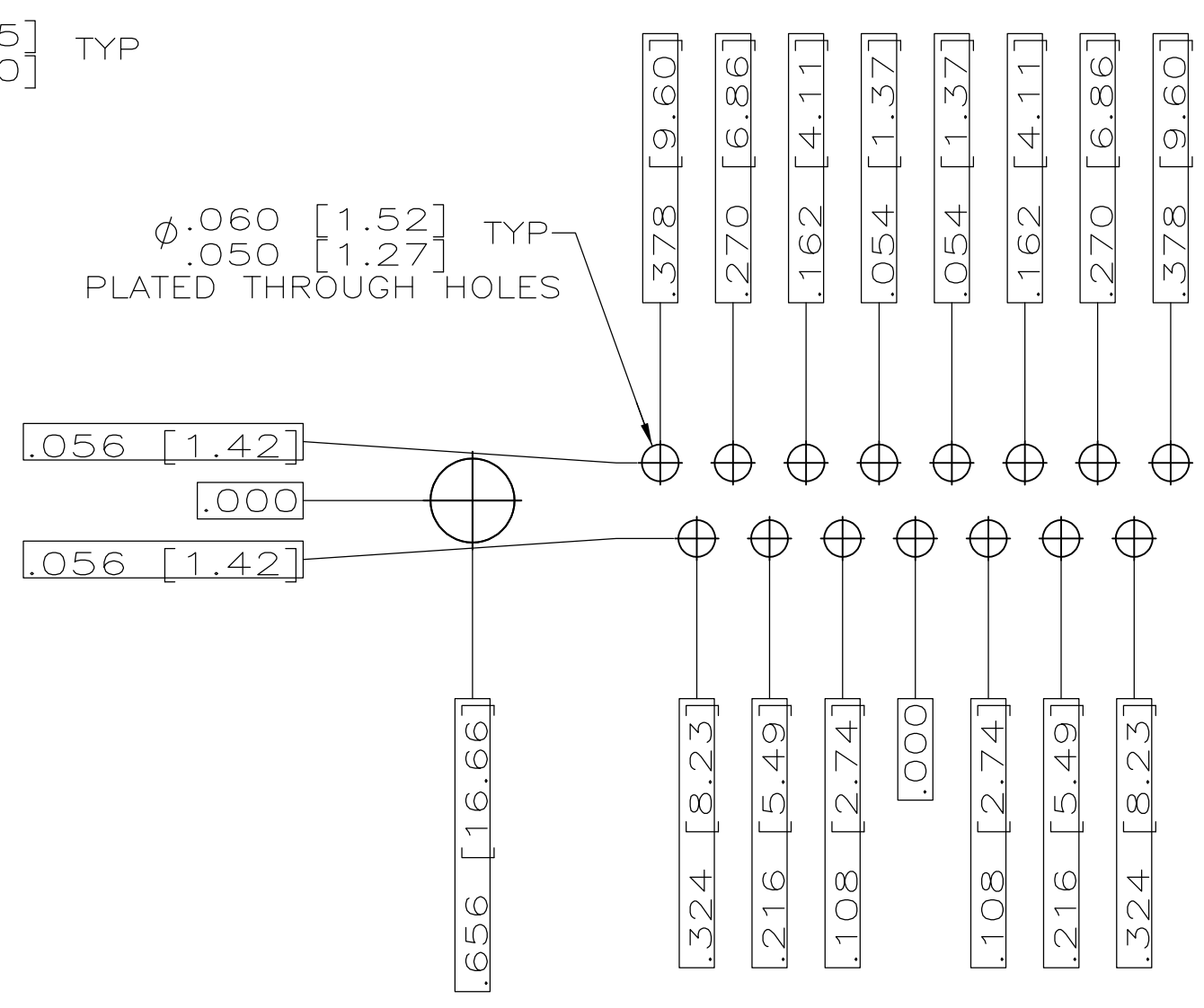
9. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.



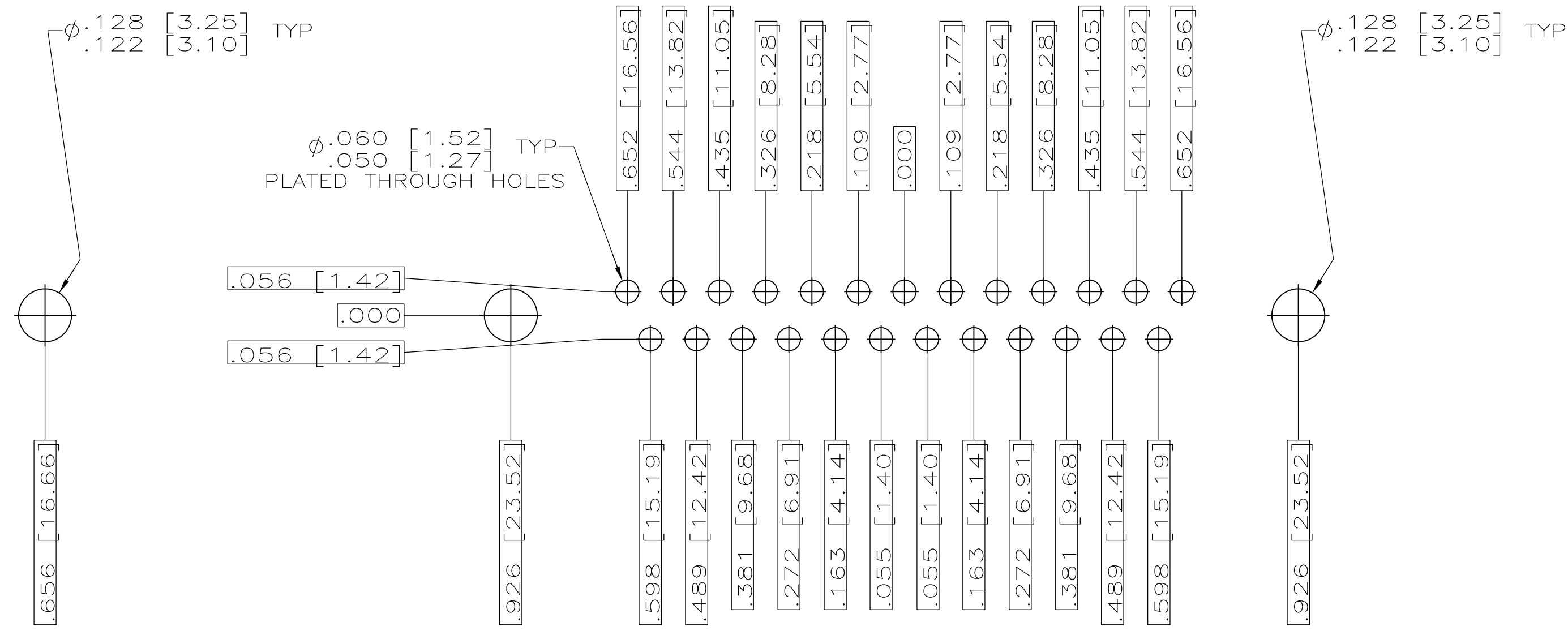
SPACER 
MATL: ALUMINUM ALLOY PER
ASTM B 211
FINISH: IRIDITE PER MIL-C-5541,
CLASS 3, COLOR GOLD



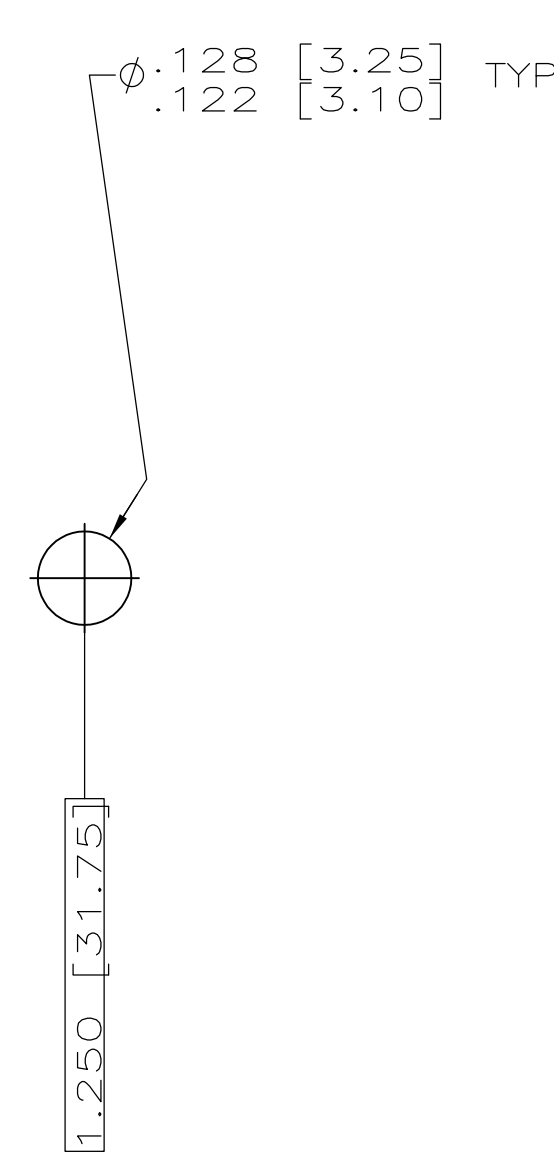
THIS DRAWING IS A CONTROLLED DOCUMENT.						DIN J.A. BAKER	05MAY97		
						CHE G. OVER	15MAY98		
						APPRO G. OVER	15MAY98		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		Tyco Electronics Corporation Harrisburg, PA 17105-3608			
		0 RLC ± — 1 RLC ± — 2 RLC ± — 3 RLC ± — 4 RLC ± — ANGLES ± ± 1°		PRODUCT SPEC —		AMPLIMITE RECEPTACLE ASSY W/ SIZE 20 POSTED PC BOARD CONTACTS SERIES 109, SHELL SIZES 1 THRU 5			
MATERIAL				APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE CALLOUTS			FINISH	WEIGHT		A1	00779	C=443978	—
CUSTOMER DRAWING						SCALE	4:1	SHEET	1 OF 2
						REV C			



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION) $\triangle_1$



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 3 (25 POSITION) 



Technical drawing of a 12-hole circular plate. The drawing shows a top view of the plate with a central circle and 12 holes arranged in a circular pattern. Dimensions are provided in inches [] and millimeters [].

Key dimensions and features:

- Overall diameter: 1.203 [30.56]
- Plate thickness: .112 [2.84] (top and bottom)
- Central hole diameter: .060 [1.52] (top) and .050 [1.27] (bottom)
- Central hole feature: PLATED THROUGH HOLES
- 12 holes arranged in a circular pattern with the following diameters (inches [mm]):
 - Top hole: .815 [20.70]
 - Top-right hole: .707 [17.96]
 - Right hole: .598 [15.19]
 - Bottom-right hole: .489 [12.42]
 - Bottom hole: .381 [9.68]
 - Bottom-left hole: .272 [6.91]
 - Left hole: .163 [4.14]
 - Top-left hole: .055 [1.40]
 - Top-right hole: .055 [1.40]
 - Right hole: .163 [4.14]
 - Bottom-right hole: .272 [6.91]
 - Bottom hole: .381 [9.68]

RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (50 POSITION) Δ_1

AMP 4805 REV 31MAR2000