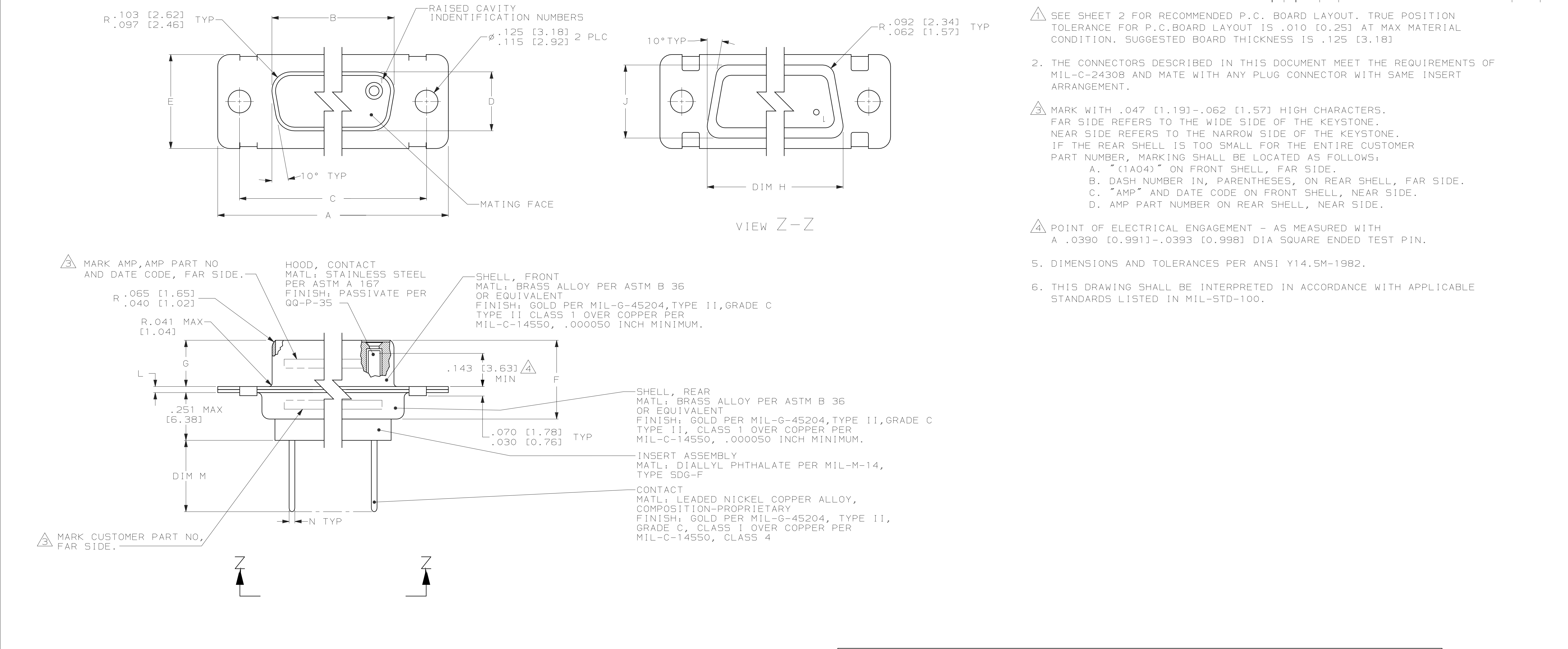




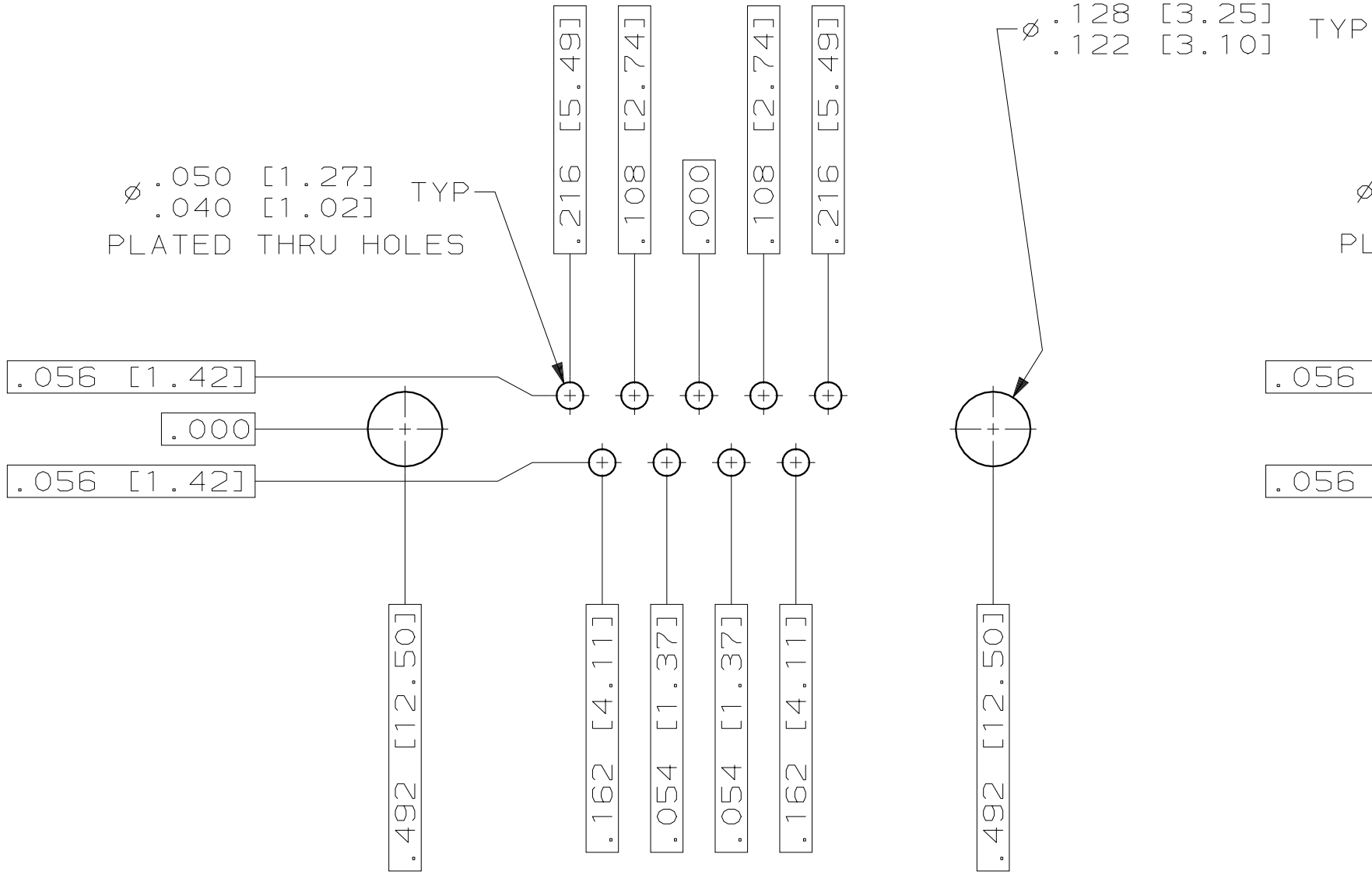
SUPERSEDED BY RESTRICTED CUSTOMER DRAWING

.033 .027	.400 [10.16] .350 [8.89]	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]	.248 [6.30] .238 [6.05]	.439 [11.15] .419 [10.64]	.620 [15.75] .590 [14.99]	.428 [10.87] .418 [10.62]	2.411 [61.24] 2.401 [60.99]	2.069 [52.55] 2.059 [52.30]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	(1A04-045RHA)	443869-5	443869-5
				2.282 [57.96] 2.262 [57.45]					2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	(1A04-044RHA)	443869-4	443869-4
.1635 [41.53] 1.615 [41.02]	1.093 [27.76] 1.073 [27.25]	.432 [10.97] .412 [10.46]	.769 [19.53] .749 [19.02]	.509 [12.93] .479 [12.17]	.316 [8.03] .306 [7.77]	.979 [24.87]	.648 [16.46] .638 [16.21]	1.228 [31.19] 1.198 [30.43]	1.857 [47.17] 1.847 [46.91]	1.516 [38.51] 1.506 [38.25]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	(1A04-043RHA)	443869-3	443869-3
									1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	(1A04-042RHA)	443869-2	443869-2
.989 [25.12] .979 [24.87]	.648 [16.46] .638 [16.21]	1.228 [31.19] 1.198 [30.43]	.979 [24.87]	.638 [16.21]	1.228 [31.19] 1.198 [30.43]	.979 [24.87]	.638 [16.21]	1.228 [31.19] 1.198 [30.43]	1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18273-1	9	1	(1A04-041RHA)	443869-1	443869-1
									1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18273-1	9	1	(1A04-041RHA)	443869-1	443869-1
N	M	L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	CUSTOMER P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER

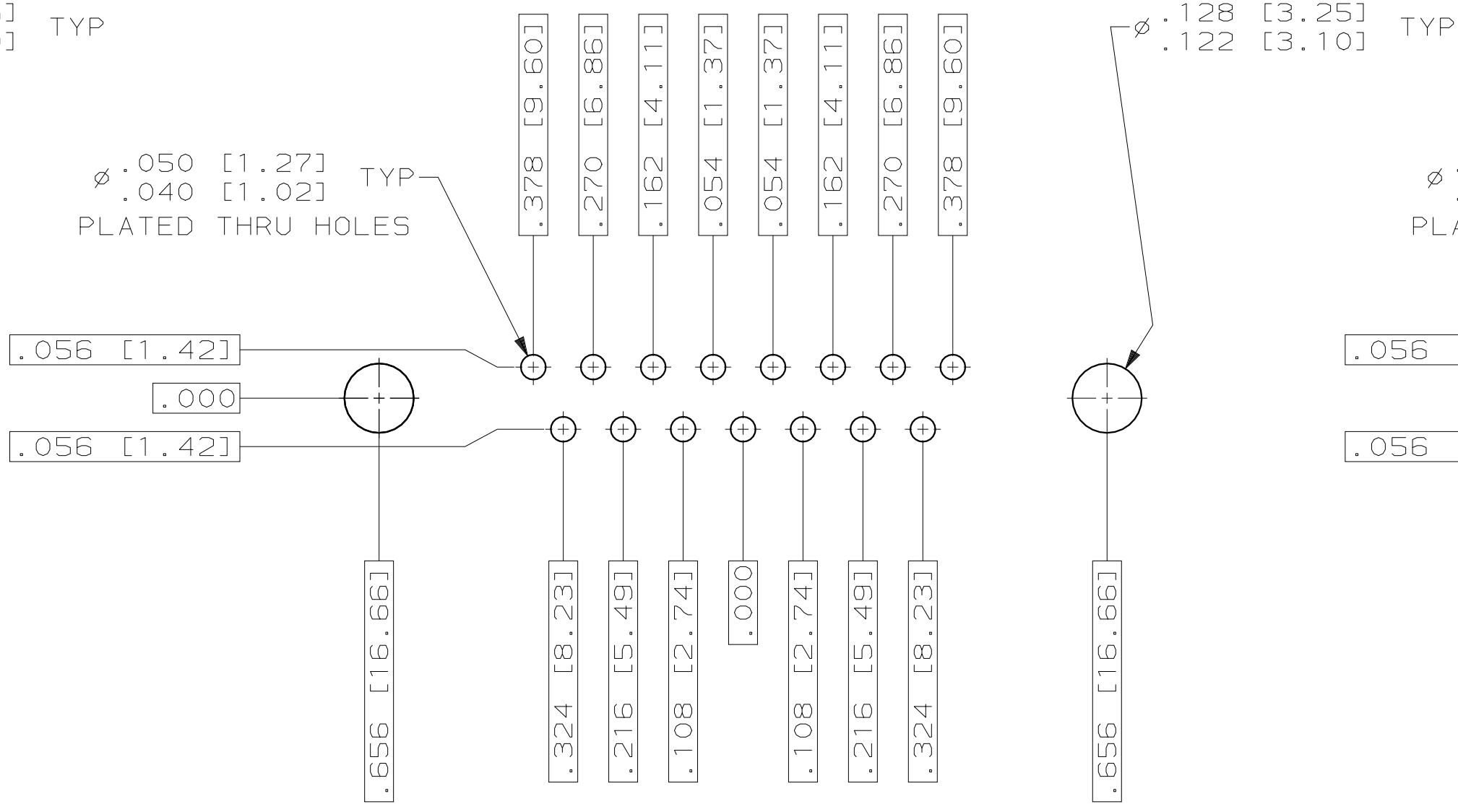
THIS DOCUMENT CONTAINS TECHNICAL DATA AS DEFINED IN 22CFR PART 120.10 OF THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) AND IS SUBJECT TO THE EXPORT CONTROL LAWS OF THE U.S. GOVERNMENT. TRANSFER OF THIS DATA BY ANY MEANS TO A FOREIGN PERSON, AS DEFINED IN 22CFR PART 120.16 OF ITAR, WHETHER IN THE U.S. OR ABROAD, WITHOUT AN EXPORT LICENSE OR OTHER APPROVAL FROM THE U.S. DEPARTMENT OF STATE, IS PROHIBITED.

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm] TOLERANCES ON:	DR 5-1-98 C.C.THOMAS	AMP INCORPORATED Harrisburg, Pa. 17105
2 PLC DEC ±	CHK 5-3-98 H.WYNKOOP	
3 PLC DEC ±	APPD 5-3-98 H.WYNKOOP	
ANGLES ± 1°	RLSE 5-3-98 C.C.THOMAS	
MATERIAL	PRODUCT SPEC	NAME AMPLIMITE RECEPTACLE ASSY WITH SIZE 20 STRAIGHT POSTED P.C. BOARD CONTACTS, SERIES 109, SHELL SIZES 1 THRU 5
SEE CALLOUTS	MIL-C-24308	
FINISH	APPLICATION SPEC	
SEE CALLOUTS	-	SIZE D
WEIGHT	-	FSCM NO 00779
		DRAWING NO 443869
		SCALE 4:1
		SHEET 1 of 2

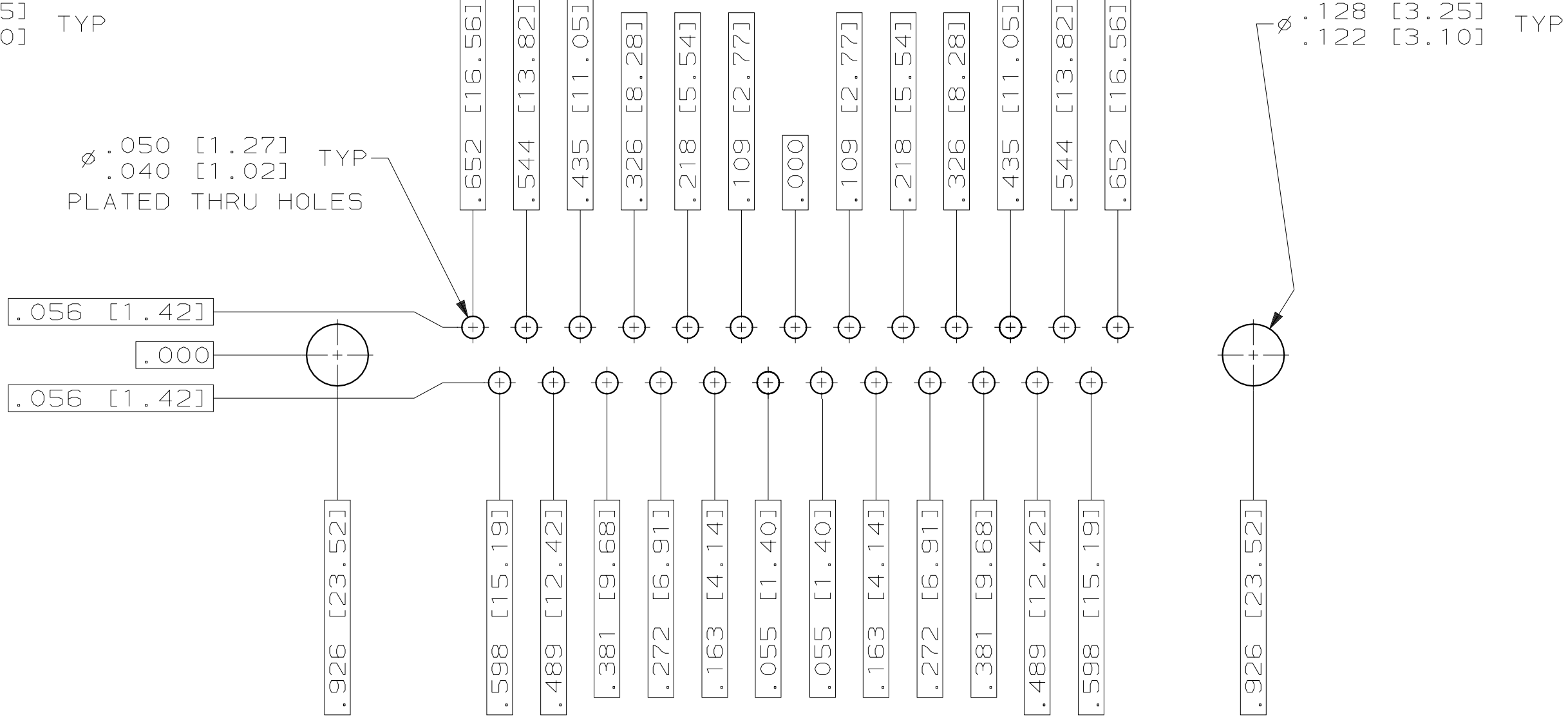
LOC		DIST		P		F		ZONE		LTR		REVISIONS		DATE		APPD	
DF	D0											DESCRIPTION					
										C		SEE SHEET #1		-		-	



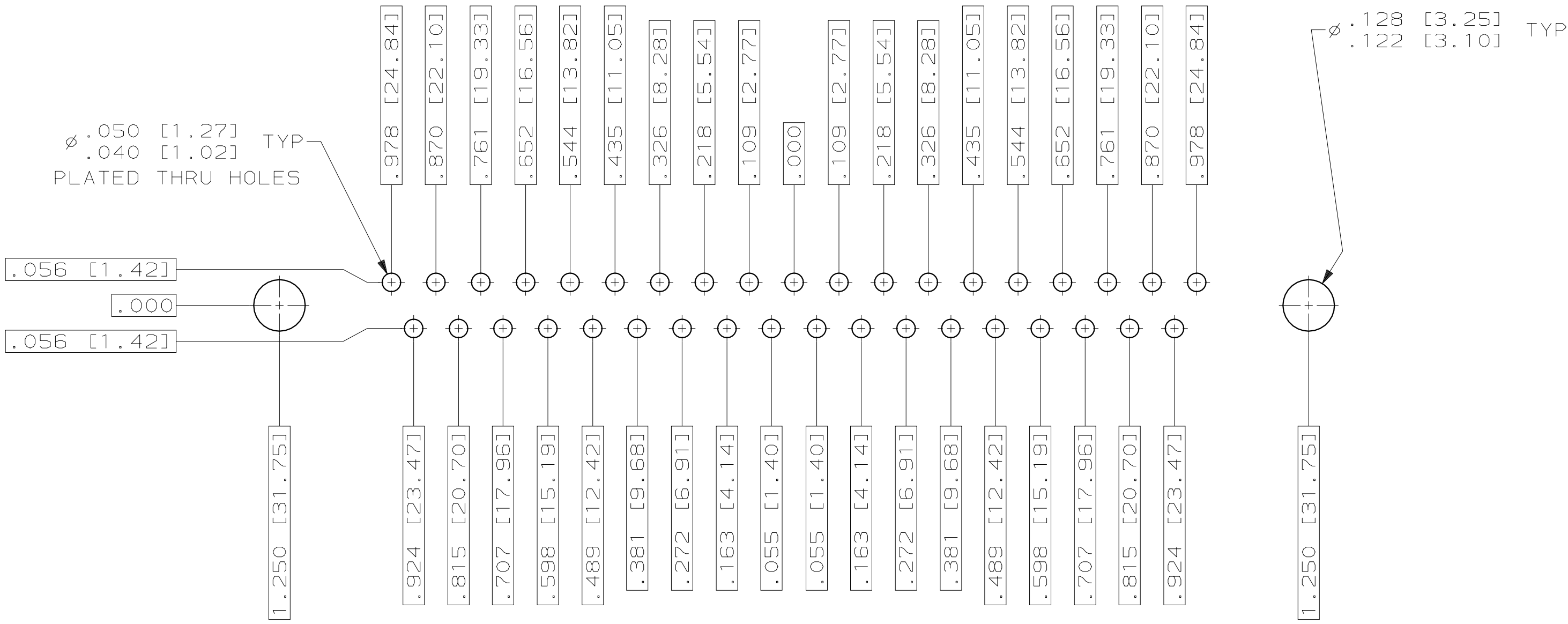
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 1 (9 POSITION)



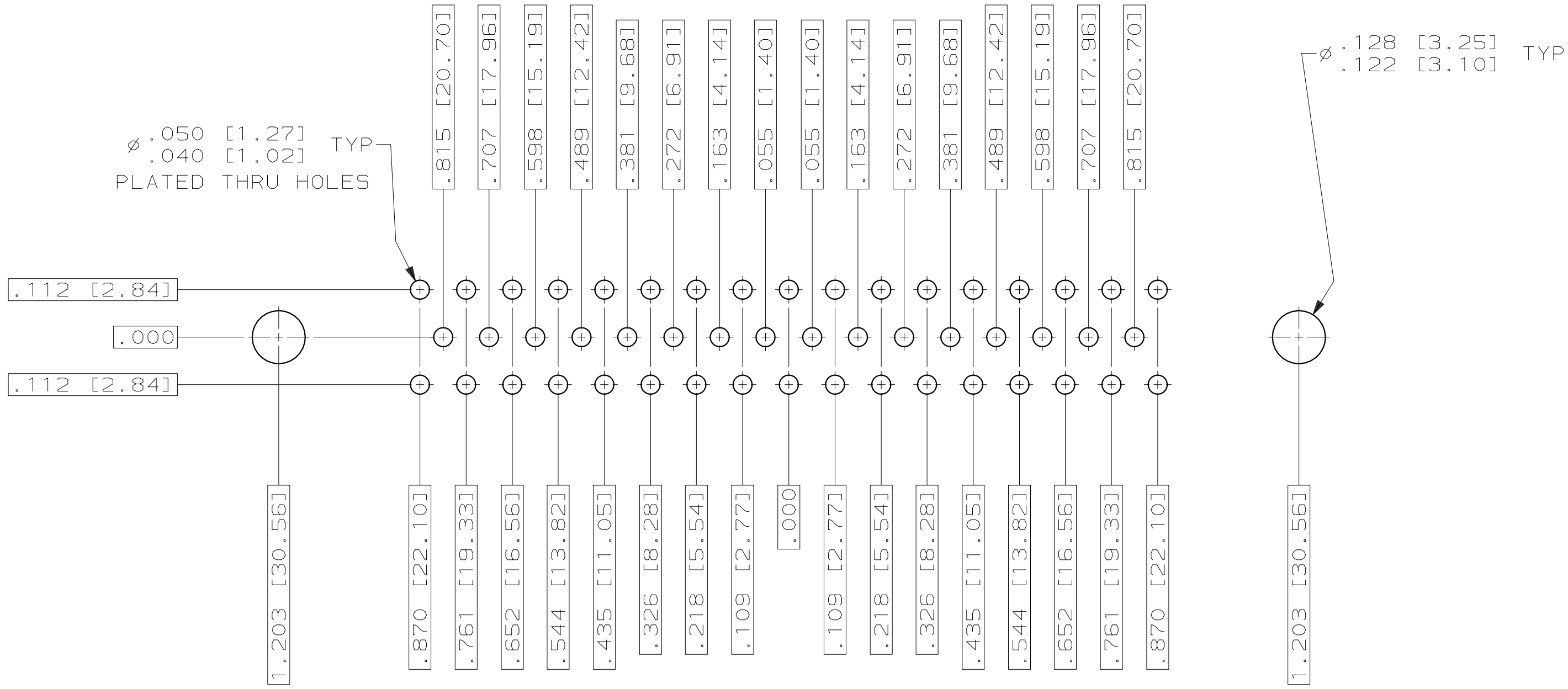
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION)



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



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (37 POSITION)



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

SUPERSEDED BY RESTRICTED CUSTOMER DRAWING

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm] TOLERANCES ON : 2 PLC DEC ± - 3 PLC DEC ± - ANGLES ± 1°	DR 5-1-98 C.C.THOMAS	AMP AMP INCORPORATED Harrisburg, Pa. 17105 AMPLITE RECEPTACLE ASSY WITH SIZE 20 STRAIGHT POSTED P.C. BOARD CONTACTS, SERIES 109, SHELL SIZES 1 THRU 5			
	CHK 5-3-98 H.WYNKOOP				
	APPD 5-3-98 H.WYNKOOP				
MATERIAL	RLSE 5-3-98 C.C.THOMAS	NAME			
SEE CALLOUTS	PRODUCT SPEC MIL-C-24308				
FINISH	APPLICATION SPEC -	SIZE D	FSCM NO 00779	DRAWING NO 443869	
SEE CALLOUTS	WEIGHT -	SCALE 4:1	-	SHEET 2 of 2	