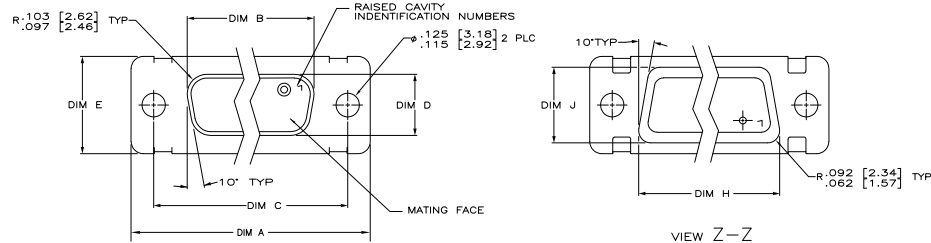


REV	DATE	BY	CHKD	DESCRIPTION	DATE	BY	CHKD
DF	DO						
C				REV PER ECO-04-00664	20M0506	TK	CT



- SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT
 - TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 AT MAXIMUM MATERIAL CONDITION.
 - REPLACEMENT CONTACT AMP PART NO 207684-3
 - THESE CONNECTORS MATE WITH ANY PLUG CONNECTORS OF THE SAME CONFIGURATION AS DEFINED BY MIL-C-24308.
- △ MARKED WITH .047-.062 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
 PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:
 A. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 B. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
- △ POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A SQUARE ENDED TEST PIN.

AMP, AMP PART NO & DATE CODE MARKED, FAR SIDE △

SHELL, FRONT
 MATL: BRASS
 FINISH: PLATED GOLD PER MIL-M-45204, TYPE II, GRADE C, CLASS 1 OVER COPPER PER MIL-M-14550, CLASS IV

SHELL, REAR
 MATL: BRASS
 FINISH: PLATED GOLD PER MIL-M-45204, TYPE II, GRADE C, CLASS 1 OVER COPPER PER MIL-M-14550, CLASS IV

INSERT ASSEMBLY
 MATL: POLYETHYLENE SULFIDE (PPS) GST-40F PER MIL-M-24519 OR GLASS FILLED POLYESTER TPES013G30 PER ASTM D5927

.049 [1.24]	.544 [13.82]	2.188 [55.58]	.248 [6.30]	.439 [11.15]	.620 [15.75]	.428 [10.87]	2.411 [61.24]	2.069 [52.55]	2.650 [67.31]	MS18277-2	78	5	1218697-5
.029 [0.74]	.524 [13.31]	2.168 [55.07]	.238 [6.05]	.419 [10.64]	.590 [14.99]	.418 [10.62]	2.401 [60.99]	2.059 [52.30]	2.620 [66.55]	MS18276-2	62	4	1218697-4
.040 [1.02]	.432 [10.97]	2.282 [57.96]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18274-2	26	2	1218697-2
.020 [0.51]	.412 [10.46]	2.262 [57.45]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18274-2	26	2	1218697-2
.040 [1.02]	.432 [10.97]	1.093 [27.76]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]				
.020 [0.51]	.412 [10.46]	1.073 [27.25]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]				

THIS DRAWING IS A CONTROLLED DOCUMENT.

INFORMATION: THIS DRAWING IS UNCLASSIFIED UNLESS INDICATED OTHERWISE.

REVISIONS: SEE CALLOUTS.

DATE: 10/07/79

SIZE: 4-1

REV: 1

BY: C

CUSTOMER DRAWING

THIS DRAWING IS A CONTROLLED DOCUMENT.

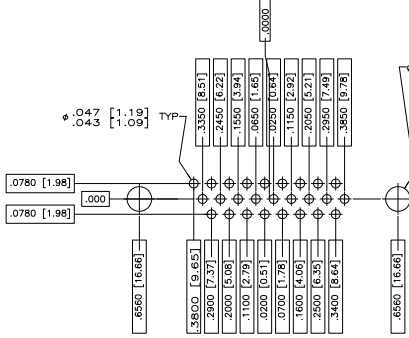
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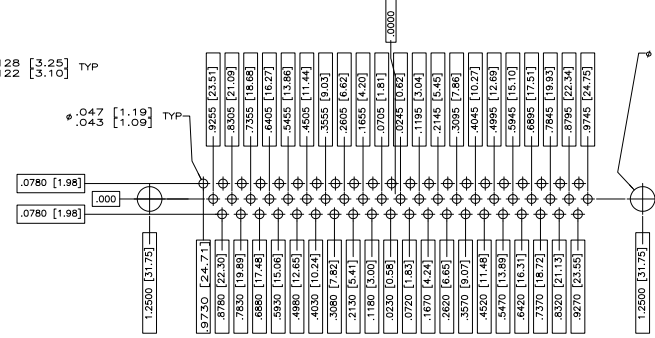
REV: 1

BY: C

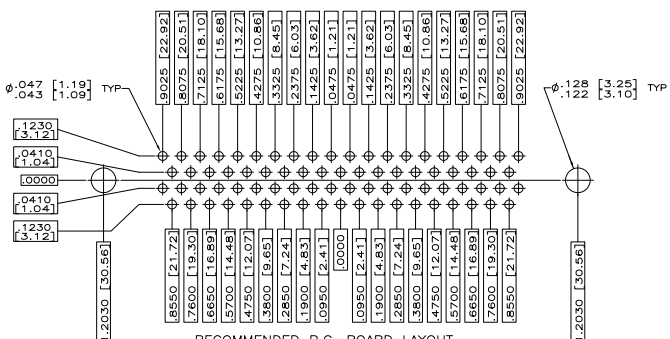
CUSTOMER DRAWING



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (26 POSITION)



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (62 POSITION)



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (78 POSITION)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DESIGNED BY	J. THOMAS	DATE	08/08
ENGINEER	REVISIONS	DRAWN BY	CHAD BAKER	DATE	08/08
CHECKED BY	DATE	APPROVED BY		DATE	
SEE CALLOUTS		CUSTOMER DRAWING	A100779	REV	2

TYS ELECTRONICS CORPORATION
 Harrisburg, Pa 17105-3008
 AMPLIMITE ROPT ASSY WITH LOADED POSTED CONTACTS
 NON-MAGNETIC SERIES 90, SIZE 2 & 4
 SIZE 4, DATE 08/08, DRAWING NO. A100779, REV 2, SHEET 2 OF 2