



RECOMMENDED P.C. BOARD DIMENSIONS.

LEAD FREE

GENERAL TOLERANCE  
10 ±: ±0.2  
30 ±: ±0.25  
100 ±: ±0.3  
ANGLES: F.3

THIS DRAWING IS A CONTROLLED DOCUMENT.

CHK: Juiyee Zhu  
APD: Steven Yao  
20AUG2004

NAME: AMP CHAMP .050 CONNECTOR(B-1-B)  
RECEPTACLE CONNECTOR  
VERTICAL WITH RETENTION LEG

SCALE: NTS  
SHEET: 1 of 1  
REV: C

CUSTOMER DRAWING

WEIGHT: 0.000000

SIZE: A2

CAGE CODE: 00779

DRAWING NO: 5175475

RESTRICTED TO

PART NO.	Au PLATE	POS.	n	A	B	C	D	E
5175475-1	0.0002	20	9	11.43	16.97	21.40	24.05	13.33
		30	14	17.78	23.32	27.75	30.40	19.68
		40	19	24.13	29.67	34.10	36.75	26.03
		50	24	30.48	36.02	40.45	43.10	32.38
		60	29	36.83	42.37	46.80	49.45	38.73
		68	33	41.91	47.45	51.88	54.53	43.81
		80	39	49.53	55.07	59.50	62.15	51.43
		100	49	62.23	67.77	72.20	74.85	64.13
		120	59	74.93	80.47	84.90	87.55	76.83
		130	64	81.28	86.82	91.25	93.90	83.18
	0.0005	20	9	11.43	16.97	21.40	24.05	13.33
		30	14	17.78	23.32	27.75	30.40	19.68
		40	19	24.13	29.67	34.10	36.75	26.03
		50	24	30.48	36.02	40.45	43.10	32.38
		60	29	36.83	42.37	46.80	49.45	38.73
		68	33	41.91	47.45	51.88	54.53	43.81
		80	39	49.53	55.07	59.50	62.15	51.43
		100	49	62.23	67.77	72.20	74.85	64.13
		120	59	74.93	80.47	84.90	87.55	76.83
		130	64	81.28	86.82	91.25	93.90	83.18
	0.00076	20	9	11.43	16.97	21.40	24.05	13.33
		30	14	17.78	23.32	27.75	30.40	19.68
		40	19	24.13	29.67	34.10	36.75	26.03
		50	24	30.48	36.02	40.45	43.10	32.38
		60	29	36.83	42.37	46.80	49.45	38.73
		68	33	41.91	47.45	51.88	54.53	43.81
		80	39	49.53	55.07	59.50	62.15	51.43
		100	49	62.23	67.77	72.20	74.85	64.13
		120	59	74.93	80.47	84.90	87.55	76.83
		130	64	81.28	86.82	91.25	93.90	83.18

1 NUMBER "n" IS COUNTED FROM DATUM

(CIRCUIT NO. 1 IS "AMP" MARK SIDE.)

△ MATERIAL: HOUSING, 66 NYLON (GF) UL 94V-0, BLACK.

△ CONTACT, PHOSPHOR BRONZE.

: RETENTION LEG; BRASS.

△ FINISH: CONTACT; Au AT CONTACT AREA (SEE TABLE),  
TIN AT TINE, OVER NI;  
RETENTION LEG; TIN UNDER NI;

△ P.C. BOARD THK MUST BE 1.6 ±0.15 FOR CARD EDGE CONNECTOR

REVISIONS

P	LTR	DATE	DESCRIPTION	APVD
C		22JAN2018	REVISED PER ECO-17-008763	SH

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