



GENERAL TOLERANCE
10 \geq : \pm 0.2
30 \geq < 100: \pm 0.25
100 \geq < 300: \pm 0.3
ANGLES: F.3

LEAD FREE

THIS DRAWING IS A CONTROLLED DOCUMENT.

CHK: Juiyee Zhu
APD: Steven Yao
APD: Enomoto

DATE: 20AUG2004

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

CAGE CODE: 00779
DRAWING NO: 5175475

SCALE: NTS

SHEET: 1 of 1

REV: C

RESTRICTED

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RESTRICTED

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
-3		30	14	17.78	23.32	27.75	30.40	19.68
-5		40	19	24.13	29.67	34.10	36.75	26.03
-6		50	24	30.48	36.02	40.45	43.10	32.38
-7		60	29	36.83	42.37	46.80	49.45	38.73
-8		68	33	41.91	47.45	51.88	54.53	43.81
-9		80	39	49.53	55.07	59.50	62.15	51.43
-0		100	49	62.23	67.77	72.20	74.85	64.13
-1		120	59	74.93	80.47	84.90	87.55	76.83
-2		130	64	81.28	86.82	91.25	93.90	83.18
-1	0.0005	20	9	11.43	16.97	21.40	24.05	13.33
-3		30	14	17.78	23.32	27.75	30.40	19.68
-5		40	19	24.13	29.67	34.10	36.75	26.03
-6		50	24	30.48	36.02	40.45	43.10	32.38
-7		60	29	36.83	42.37	46.80	49.45	38.73
-8		68	33	41.91	47.45	51.88	54.53	43.81
-9		80	39	49.53	55.07	59.50	62.15	51.43
-0		100	49	62.23	67.77	72.20	74.85	64.13
-1		120	59	74.93	80.47	84.90	87.55	76.83
-2		130	64	81.28	86.82	91.25	93.90	83.18
-1	0.00076	20	9	11.43	16.97	21.40	24.05	13.33
-3		30	14	17.78	23.32	27.75	30.40	19.68
-5		40	19	24.13	29.67	34.10	36.75	26.03
-6		50	24	30.48	36.02	40.45	43.10	32.38
-7		60	29	36.83	42.37	46.80	49.45	38.73
-8		68	33	41.91	47.45	51.88	54.53	43.81
-9		80	39	49.53	55.07	59.50	62.15	51.43
-0		100	49	62.23	67.77	72.20	74.85	64.13
-1		120	59	74.93	80.47	84.90	87.55	76.83
-2		130	64	81.28	86.82	91.25	93.90	83.18

RECOMMENDED P.C. BOARD DIMENSIONS.

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 \pm 0.15 FOR CARD EDGE CONNECTOR

REVISIONS

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

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