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RELEASED FOR PUBLICATION

OCT 1988

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1

2

3

4

DATE CODE

BASE MARK

PLUG CONTACT

PLUG HOUSING

1.6

6.6 REF

1.905

1.905

E-E

1.27

7 REF

1.27

1.27 x n = A ±0.15

(NONCUMULATIVE TOLERANCE)

D REF

B REF

10 REF

4 REF

3.1

4.99 ±0.25

2.7

C

RETENTION LEG

20, 40, 60, 68, 80

100, 120 POS.

30, 50, 130 POS.

20, 40, 60, 68, 80

100, 120 POS.

30, 50, 130 POS.

DATUM

C ±0.1

(NONCUMULATIVE TOLERANCE)

1.27 x n = A ±0.05

2-ø2.6 ±0.1

POS-ø0.8 ±0.05

2.54 ±0.05

1.27 ±0.05

1.905 ±0.05

1.905 ±0.05

±0.05

±0.05

20, 40, 60, 68, 80

100, 120 POS.

30, 50, 130 POS.

P.C. BOARD DESIGN

(CONNECTOR MOUNT SIDE)

1

2

3

1 NUMBER "n" S COUNTED FROM DATUM

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

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

: CONTACT; PHOSPHOR BRONZE.

: RETENTION LEG; BRASS.

3 FINISH: CONTACT; Au AT CONTACT AREA (SEE TABLE),

TIN AT TINE OVER Ni.

RETENTION LEG; TIN UNDER Ni.

6-	-2		130	64	81.28	89.62	91.25	93.90
6-	-1		120	59	74.93	83.27	84.90	87.55
6-	-0		100	49	62.23	70.57	72.20	74.85
5-	-9		80	39	49.53	57.87	59.50	62.15
5-	-8		68	33	41.91	50.25	51.88	54.53
5-	-7		60	29	36.83	45.17	46.80	49.45
5-	-6		50	24	30.48	38.82	40.45	43.10
5-	-5		40	19	24.13	32.47	34.10	36.75
OBSOLETE	5-	-3	30	14	17.78	26.12	27.75	30.40
	5-	-1	0.00076	20	9	11.43	19.77	21.40
OBSOLETE	4-	-2	130	64	81.28	89.62	91.25	93.90
OBSOLETE	4-	-1	120	59	74.93	83.27	84.90	87.55
	4-	-0	100	49	62.23	70.57	72.20	74.85
	3-	-9	80	39	49.53	57.87	59.50	62.15
	3-	-8	68	33	41.91	50.25	51.88	54.53
	3-	-7	60	29	36.83	45.17	46.80	49.45
OBSOLETE	3-	-6	50	24	30.48	38.82	40.45	43.10
	3-	-5	40	19	24.13	32.47	34.10	36.75
	3-	-3	30	14	17.78	26.12	27.75	30.40
	3-	-1	0.0005	20	9	11.43	19.77	21.40
OBSOLETE	1-	-2	130	64	81.28	89.62	91.25	93.90
	1-	-1	120	59	74.93	83.27	84.90	87.55
	1-	-0	100	49	62.23	70.57	72.20	74.85
OBSOLETE		-9	80	39	49.53	57.87	59.50	62.15
		-8	68	33	41.91	50.25	51.88	54.53
		-7	60	29	36.83	45.17	46.80	49.45
		-6	50	24	30.48	38.82	40.45	43.10
		-5	40	19	24.13	32.47	34.10	36.75
		-3	30	14	17.78	26.12	27.75	30.40
			5175473-1	0.0002	20	9	11.43	19.77
			PART NO.	Au PLATE	POS.	n	A	B
						C	D	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

MATERIAL

GENERAL TOLERANCE

10 ≥ : ±0.2

30 > 10: ±0.25

100 ≥ > 30: ±0.3

ANGLES: ±3°

LEAD FREE

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APVD Ikuo Enomoto 19AUG2004

PRODUCT SPEC

108-60038

APPLICATION SPEC

WEIGHT 0.000000

CUSTOMER DRAWING

TE Connectivity Ltd.

AMP CHAMP .050 CONNECTOR (B-T-B)

PLUG CONNECTOR

(VERTICAL WITH RETENTION LEG)

SIZE A2

CAGE CODE 00779

DRAWING NO C=5175473

RESTRICTED TO

SCALE NTS

SHEET 1 of 1

REV C

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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