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LOC
GPDIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER EC 0S11-0014-05	22FEB05	RR	MY

TOP VIEW

BOTTOM VIEW

△ MATERIAL:

HOUSING—HIGH TEMPERATURE THERMOPLASTIC, UL94V-0,
COLOR: BROWN.

CONTACT—PHOSPHOR BRONZE.

△ CONTACT FINISH: PLATE 0.00254 MIN. MATTE TIN OVER
0.00127 MIN. NICKEL ; ALL OVER.

△ PIN #1. TRIANGULAR IDENTIFIER 0.03 MAX RAISED ON FLOOR.

△ VIA HOLES NOT RECOMMENDED WITHIN SOCKET SHADOW AREA.

5. CURRENT RATING: 1 AMP.

6. VOLTAGE RATING: 250V.

7. CONTACT RESISTANCE: 20 MILLIOHMS, MAXIMUM.

8. INSULATION RESISTANCE: 5,000 MEGOHMS, MINIMUM, INITIAL.

9. DIELECTRIC WITHSTANDING VOLTAGE: 600 VAC RMS, MINIMUM.

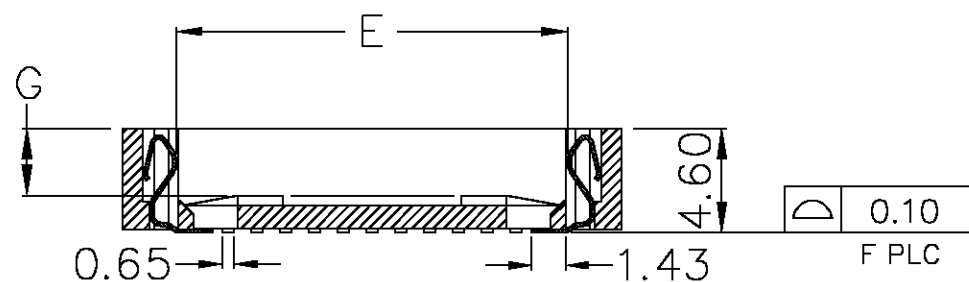
10. OPERATING TEMPERATURE: -55 TO +105 C.

11. DURABILITY: 25 CYCLES.

12. PLCC DEVICE MUST CONFORM TO JEDEC MS-018 (SQ.) OR
MS-016 (RECT.)13. RESISTANCE TO SOLDERING HEAT: 260C MAXIMUM FOR 30
SECONDS MAXIMUM.△ FOR 32 POS: SECTION A-A, E = 11.90
SECTION B-B, E = 14.45

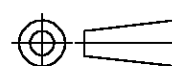
15. EXTRACTION TOOL: 822476-1

H	G	F	E	D	C	B	A	Part Status	Packaging	AMP P/N
8.74	2.60	32	△	21.89	9.25	19.57	16.90	ACTIVE	Tape	3-822516-7
8.74	2.60	32	△	21.89	9.25	19.57	16.90	ACTIVE	Tubes	822516-7
32.14	2.90	84	29.69	45.20	27.03	35.90	35.90	ACTIVE	Tape	3-822516-6
32.14	2.90	84	29.69	45.20	27.03	35.90	35.90	ACTIVE	Tubes	822516-6
24.83	2.90	68	24.61	37.98	21.95	30.82	30.82	ACTIVE	Tape	3-822516-5
24.83	2.90	68	24.61	37.98	21.95	30.82	30.82	ACTIVE	Tubes	822516-5
17.52	2.75	52	19.53	30.78	16.87	25.74	25.74	ACTIVE	Tape	3-822516-4
17.52	2.75	52	19.53	30.78	16.87	25.74	25.74	ACTIVE	Tubes	822516-4
4.04	2.75	20	9.36	16.38	6.71	14.36	14.36	ACTIVE	Tape	3-822516-3
4.04	2.75	20	9.36	16.38	6.71	14.36	14.36	ACTIVE	Tubes	822516-3
7.55	2.75	28	11.90	20.00	9.25	16.90	16.90	ACTIVE	Tape	3-822516-2
7.55	2.75	28	11.90	20.00	9.25	16.90	16.90	ACTIVE	Tubes	822516-2
14.16	2.95	44	16.99	27.20	14.33	22.00	22.00	ACTIVE	Tape	3-822516-1
14.16	2.95	44	16.99	27.20	14.33	22.00	22.00	ACTIVE	Tubes	822516-1

SECTION A-A
SECTION B-B

44 POSITION SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.2
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL



DWN K.KREIDLER 18MAY01

CHK K.KREIDLER 18MAY01

APVD K.KREIDLER 18MAY01

PRODUCT SPEC

NONE

APPLICATION SPEC

NONE

WEIGHT

-

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics Corporation

NAME

PLCC SURFACE MOUNT
LEAD FREE VERSION

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-822516

SCALE 1:1

SHEET 1 OF 2

REV A

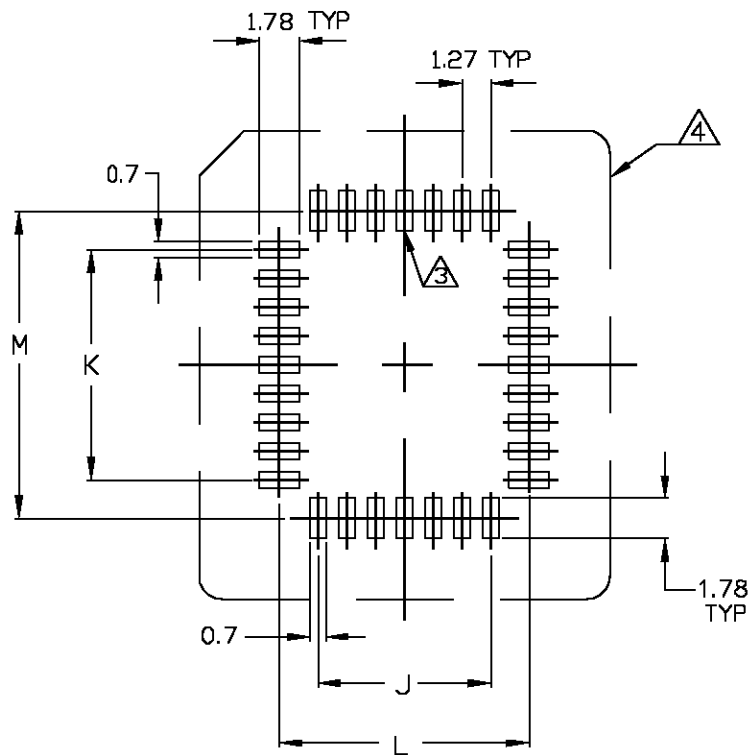
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3

2

1

LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
			—	SEE SHEET 1	—	—



RECOMMENDED PCB FOOTPRINT

84	25.40	25.40	28.80	28.80
68	20.32	20.32	23.72	23.72
52	15.24	15.24	18.64	18.64
44	12.70	12.70	16.10	16.10
32	7.62	10.16	11.02	13.56
28	7.62	7.62	11.02	11.02
20	5.08	5.08	8.48	8.48
NO. OF POSITIONS	J	K	L	M

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.KREIDLER 18MAY01	tyco Tyco Electronics Corporation					
		CHK K.KREIDLER 18MAY01						
DIMENSIONS: MM		APVD K.KREIDLER 18MAY01	NAME					
		PRODUCT SPEC	PLCC SURFACE MOUNT LEAD FREE VERSION					
		APPLICATION SPEC						
MATERIAL		WEIGHT	SIZE A3	CAGE CODE 00779	DRAWING NO C-822516	RESTRICTED TO		
FINISH		CUSTOMER DRAWING				SCALE 1:1	SHEET 2 OF 2	REV A