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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

GP

00

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.

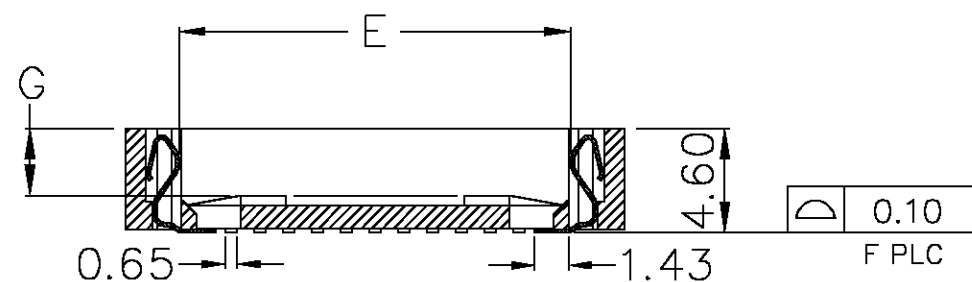
10. OPERATING TEMPERATURE: -55 TO +105 C.

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   |



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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

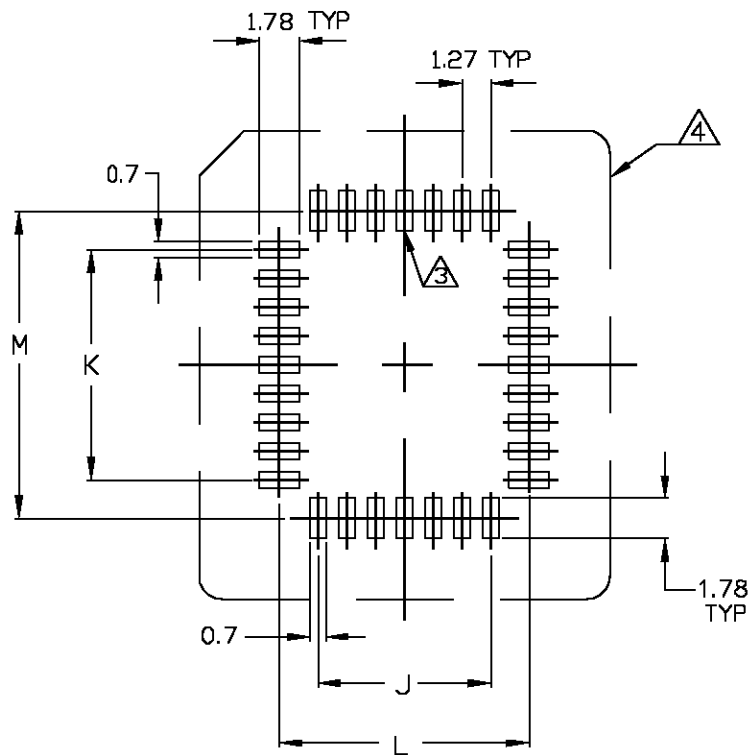
4

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     |

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DIMENSIONS:  
MM

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN  
K.KREIDLER  
18MAY01

CHK  
K.KREIDLER  
18MAY01

APVD  
K.KREIDLER  
18MAY01

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics Corporation

NAME  
PLCC SURFACE MOUNT  
LEAD FREE VERSION

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-822516

RESTRICTED TO  
—

SCALE  
1:1

SHEET  
2 OF 2

REV  
A