

| REV | ECN No.    | DESCRIPTION | DATE   | DR | AUTH |
|-----|------------|-------------|--------|----|------|
| OR  | NPO-004195 | NEW RELEASE | MAR 24 | LK | VC   |
|     |            |             |        |    |      |
|     |            |             |        |    |      |

FOR 99-01-3622

PACKAGE OUTLINE

INDEX

PIN 1

0

PLUGGED PTH

$\phi .013$  TYP PLUGGED PTH

$\phi .008$  TYP PLUGGED PTH

$4 \times .015 \pm .0005$  SPACE WIDTH

$2 \times .015 \pm .0005$  TRACE WIDTH

.192

.296

.373

Detailed description: This is a mechanical drawing of a 16-pin DIP package. The package is rectangular with a central square area containing a dense grid of small circles representing plated through holes (PTH). The outer area has a sparser grid of larger circles. Dimensions are given in inches. The overall width is .373, and the overall height is .192. The central square area has a width of .296. The pin 1 indicator is a small circle on the left side. The drawing includes labels for 'PACKAGE OUTLINE', 'INDEX', 'PIN 1', '0', 'PLUGGED PTH', and specific dimensions for space and trace widths. The title 'FOR 99-01-3622' is at the top.

1. COPLANAR WAVEGUIDE PARAMETERS ARE SHOWN FOR ROGERS (RO4350B) WITH DIELECTRIC THICKNESS .0066±.0007; COPPER: 1/2 Oz. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH AND GAP MAY NEED TO BE MODIFIED.

 DENOTES PCB COPPER PATTERN WITH SMOBC (SOLDER MASK OVER BARE COPPER)  
 DENOTES PCB COPPER PATTERN FREE OF SOLDERMASK

| UNLESS OTHERWISE SPECIFIED | INITIALS |    | DATE      |
|----------------------------|----------|----|-----------|
| DIMENSIONS ARE IN INCHES   | DRAWN    | LK | 19 MAR 24 |
| TOLERANCES ON:             | CHECKED  | MD | 19 MAR 24 |
| 2 PL DECIMALS ±            | APPROVED | RR | 19 MAR 24 |
| 3 PL DECIMALS ± .002       |          |    |           |
| ANGLES ±                   |          |    |           |
| FRACTIONS ±                |          |    |           |

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ASHEETA1.DWG REV:A DATE:01/12/95



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PL, 99-01-3622, TBABF22R825G1+

|                 |                     |                          |               |            |
|-----------------|---------------------|--------------------------|---------------|------------|
| SIZE<br>A       | CODE IDENT<br>15542 | DRAWING NO:<br>98-PL-778 |               | REV:<br>OR |
| FILE: 98-PL-778 |                     | SCALE: 9:1               | SHEET: 1 OF 1 |            |