

| | | | | | |
|--|------------|---|--|------------|----------------|
| NOTE | 1, 2, 3, 4 | | | | |
| REF | 5-233 | | | | |
| ISSUE | | | | | |
| JEDEC SOLID STATE PRODUCT OUTLINES | | TITLE FINE PITCH PLASTIC SHIPPING TUBE FAMILY | | ISSUE A | DATE 7/1/88 |
| | | | | | CO-008 |

| SYMBOL | VARIATIONS (ALL DIMENSIONS ARE IN INCHES) | | | | | | | | | | | |
|----------------|---|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|
| | AA | | NOTE | AB | | NOTE | AC | | NOTE | AD | | NOTE |
| | MIN | MAX | | MIN | MAX | | MIN | MAX | | MIN | MAX | |
| R | 0.030 | 0.070 | | 0.030 | 0.070 | | 0.030 | 0.070 | | 0.030 | 0.070 | |
| R ₁ | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | |
| T | 0.210 | 0.230 | | 0.210 | 0.230 | | 0.210 | 0.230 | | 0.210 | 0.230 | |
| T ₁ | 0.150 | 0.170 | | 0.150 | 0.170 | | 0.150 | 0.170 | | 0.150 | 0.170 | |
| T ₂ | 0.270 | 0.290 | | 0.270 | 0.290 | | 0.270 | 0.290 | | 0.270 | 0.290 | |
| T ₃ | 0.055 | 0.075 | | 0.055 | 0.075 | | 0.055 | 0.075 | | 0.055 | 0.075 | |
| W | 0.798 | 0.809 | | 0.889 | 0.909 | | 0.989 | 1.009 | | 1.089 | 1.109 | |
| W ₁ | 0.603 | 0.623 | | 0.703 | 0.723 | | 0.803 | 0.823 | | 0.903 | 0.923 | |
| W ₂ | 0.025 | 0.035 | | 0.025 | 0.035 | | 0.025 | 0.035 | | 0.025 | 0.035 | |
| W ₃ | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | |
| W ₄ | 0.090 | 0.110 | | 0.090 | 0.110 | | 0.090 | 0.110 | | 0.090 | 0.110 | |
| L | 23.45 | 23.55 | | 23.45 | 23.55 | | 23.45 | 23.55 | | 23.45 | 23.55 | |
| | | | | | | | | | | | | |
| N | 52 | | | 68 | | | 84 | | | 100 | | |

| SYMBOL | VARIATIONS (ALL DIMENSIONS ARE IN MILLIMETERS) | | | | | | | | | | | |
|----------------|--|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|
| | AA | | NOTE | AB | | NOTE | AC | | NOTE | AD | | NOTE |
| | MIN | MAX | | MIN | MAX | | MIN | MAX | | MIN | MAX | |
| R | 0.76 | 1.78 | | 0.76 | 1.78 | | 0.76 | 1.78 | | 0.76 | 1.78 | |
| R ₁ | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | |
| T | 5.34 | 5.84 | | 5.34 | 5.84 | | 5.34 | 5.84 | | 5.34 | 5.84 | |
| T ₁ | 3.81 | 4.31 | | 3.81 | 4.31 | | 3.81 | 4.31 | | 3.81 | 4.31 | |
| T ₂ | 6.86 | 7.36 | | 6.86 | 7.36 | | 6.86 | 7.36 | | 6.86 | 7.36 | |
| T ₃ | 1.40 | 1.90 | | 1.40 | 1.90 | | 1.40 | 1.90 | | 1.40 | 1.90 | |
| W | 20.04 | 20.54 | | 22.58 | 23.09 | | 25.12 | 25.62 | | 27.66 | 28.16 | |
| W ₁ | 15.32 | 15.82 | | 17.86 | 18.36 | | 20.40 | 20.90 | | 22.94 | 23.44 | |
| W ₂ | 0.63 | 0.79 | | 0.63 | 0.79 | | 0.63 | 0.79 | | 0.63 | 0.79 | |
| W ₃ | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | |
| W ₄ | 2.29 | 2.79 | | 2.29 | 2.79 | | 2.29 | 2.79 | | 2.29 | 2.79 | |
| L | 595.60 | 598.20 | | 595.60 | 598.20 | | 595.60 | 598.20 | | 595.60 | 598.20 | |
| | | | | | | | | | | | | |
| N | 52 | | | 68 | | | 84 | | | 100 | | |

JEDEC
SOLID STATE PRODUCT
OUTLINES

TITLE
FINE PITCH PLASTIC
SHIPPING TUBE FAMILY

ISSUE
A

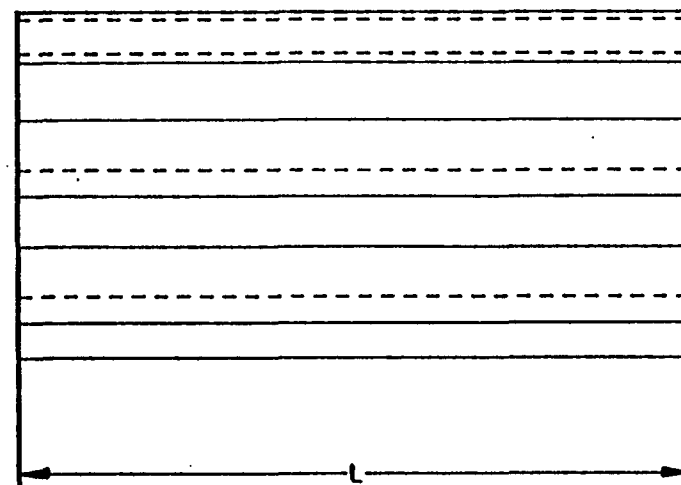
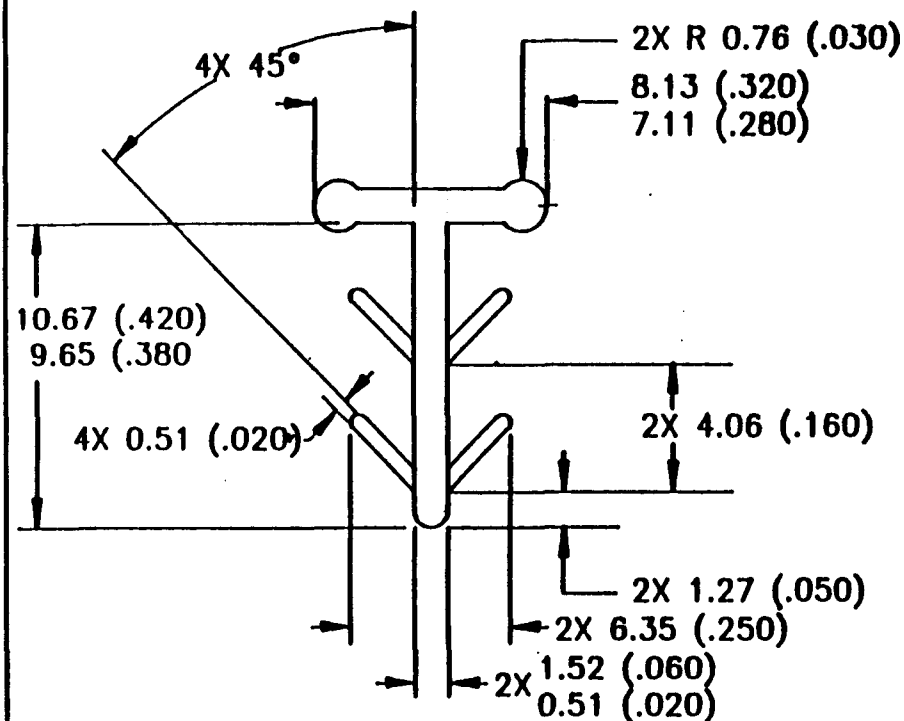
DATE
July
1988

CO-008

| SYMBOL | VARIATIONS (ALL DIMENSIONS ARE IN MILLIMETERS) | | | | | | | | | | | |
|----------------|--|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|
| | AE | | NOTE | AF | | NOTE | AG | | NOTE | AH | | NOTE |
| | MIN | MAX | | MIN | MAX | | MIN | MAX | | MIN | MAX | |
| R | 0.76 | 1.78 | | 0.76 | 1.78 | | 0.76 | 1.78 | | 0.76 | 1.78 | |
| R ₁ | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | |
| T | 5.34 | 5.84 | | 5.34 | 5.84 | | 5.34 | 5.84 | | 5.34 | 5.84 | |
| T ₁ | 3.81 | 4.31 | | 3.81 | 4.31 | | 3.81 | 4.31 | | 3.81 | 4.31 | |
| T ₂ | 6.86 | 7.36 | | 6.86 | 7.36 | | 6.86 | 7.36 | | 6.86 | 7.36 | |
| T ₃ | 1.40 | 1.90 | | 1.40 | 1.90 | | 1.40 | 1.90 | | 1.40 | 1.90 | |
| W | 32.75 | 33.25 | | 37.72 | 38.32 | | 42.90 | 43.40 | | 50.52 | 51.00 | |
| W ₁ | 28.02 | 28.52 | | 33.10 | 33.60 | | 38.18 | 38.68 | | 45.80 | 46.30 | |
| W ₂ | 0.63 | 0.79 | | 0.63 | 0.79 | | 0.63 | 0.79 | | 0.63 | 0.79 | |
| W ₃ | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | | 0.25 | 0.76 | |
| W ₄ | 2.29 | 2.79 | | 2.29 | 2.79 | | 2.29 | 2.79 | | 2.29 | 2.79 | |
| L | 595.60 | 598.20 | | 595.60 | 598.20 | | 595.60 | 598.20 | | 595.60 | 598.20 | |
| | | | | | | | | | | | | |
| N | 132 | | | 164 | | | 196 | | | 244 | | |

| SYMBOL | VARIATIONS (ALL DIMENSIONS ARE IN INCHES) | | | | | | | | | | | |
|----------------|---|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|
| | AE | | NOTE | AF | | NOTE | AG | | NOTE | AH | | NOTE |
| | MIN | MAX | | MIN | MAX | | MIN | MAX | | MIN | MAX | |
| R | 0.030 | 0.070 | | 0.030 | 0.070 | | 0.030 | 0.070 | | 0.030 | 0.070 | |
| R ₁ | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | |
| T | 0.210 | 0.230 | | 0.210 | 0.230 | | 0.210 | 0.230 | | 0.210 | 0.230 | |
| T ₁ | 0.150 | 0.170 | | 0.150 | 0.170 | | 0.150 | 0.170 | | 0.150 | 0.170 | |
| T ₂ | 0.270 | 0.290 | | 0.270 | 0.290 | | 0.270 | 0.290 | | 0.270 | 0.290 | |
| T ₃ | 0.055 | 0.075 | | 0.055 | 0.075 | | 0.055 | 0.075 | | 0.055 | 0.075 | |
| W | 1.289 | 1.309 | | 1.489 | 1.509 | | 1.689 | 1.709 | | 1.989 | 2.009 | |
| W ₁ | 1.103 | 1.123 | | 1.303 | 1.323 | | 1.503 | 1.523 | | 1.803 | 1.823 | |
| W ₂ | 0.025 | 0.035 | | 0.025 | 0.035 | | 0.025 | 0.035 | | 0.025 | 0.035 | |
| W ₃ | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | | 0.010 | 0.030 | |
| W ₄ | 0.090 | 0.110 | | 0.090 | 0.110 | | 0.090 | 0.110 | | 0.090 | 0.110 | |
| L | 23.45 | 23.55 | | 23.45 | 23.55 | | 23.45 | 23.55 | | 23.45 | 23.55 | |
| | | | | | | | | | | | | |
| N | 132 | | | 164 | | | 196 | | | 244 | | |

| | | | | |
|--|---|------------|----------------------|--------|
| JEDEC SOLID STATE PRODUCT OUTLINES | TITLE FINE PITCH PLASTIC SHIPPING TUBE FAMILY | ISSUE A | DATE July 1988 | CO-008 |
|--|---|------------|----------------------|--------|



CO-008

NOTES:

1. TOLERANCES: ± 0.25 (.010)
OR AS NOTED
2. ANGLE TOLERANCE: $\pm 1^\circ$

CO-008

L : LENGTH IN MILLIMETERS

| N | 52 | 68 | 84 | 100 | 132 | 164 | 196 | 244 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L MIN | 14.80 | 17.35 | 19.88 | 22.42 | 27.50 | 32.58 | 37.66 | 45.28 |
| L MAX | 14.30 | 17.86 | 19.38 | 21.92 | 27.00 | 32.08 | 37.16 | 44.78 |

L : LENGTH IN INCHES

| N | 52 | 68 | 84 | 100 | 132 | 164 | 196 | 244 |
|-------|------|------|------|------|-------|-------|-------|-------|
| L MIN | .583 | .683 | .783 | .883 | 1.083 | 1.283 | 1.483 | 1.783 |
| L MAX | .603 | .703 | .803 | .903 | 1.103 | 1.303 | 1.503 | 1.803 |

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