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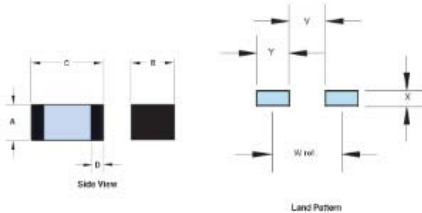
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Catalog Part Search:



| Pkg. Size | A | B | C | D | Wt. (g) | Land Patterns | | | | Reel Information | | | |
|--------------------|-------------------|-------------------|-------------------|--------------------|---------|---------------|---------------|---------------|---------------|------------------|----------|---------------|----------------|
| | | | | | | V | W (ref) | X | Y | Tape Width mm | Pitch mm | Parts 7" Reel | Parts 13" Reel |
| 0402 (1005) | 0.5±0.05 0.020 | 0.5±0.05 0.020 | 1.0±0.05 0.040 | 0.25±0.15 0.010 | 0.002 | 0.40 0.016 | 1.30 0.051 | 0.70 0.028 | 0.90 0.035 | 8 | 4 | 10000 | — |
| 0603 (1608) | 0.8±0.15 0.031 | 0.8±0.15 0.031 | 1.6±0.15 0.063 | 0.4±0.2 0.016 | 0.006 | 0.60 0.024 | 1.70 0.067 | 1.00 0.039 | 1.10 0.043 | 8 | 4 | 4000 | 10000 |
| 0805 (2012) | 0.9±0.2 0.035 | 1.25±0.2 0.049 | 2.0±0.2 0.079 | 0.5±0.3 0.020 | 0.01 | 0.60 0.024 | 1.90 0.075 | 1.50 0.059 | 1.30 0.051 | 8 | 4 | 4000 | 10000 |
| 1206 (3216) | 1.1±0.2 0.043 | 1.6±0.2 0.063 | 3.2±0.2 0.126 | 0.7±0.3 0.028 | 0.03 | 1.20 0.047 | 2.80 0.110 | 1.80 0.071 | 1.60 0.063 | 8 | 4 | 3000 | 10000 |
| 1806 (4516) | 1.6±0.2 0.063 | 1.6±0.2 0.063 | 4.5±0.2 0.177 | 0.7±0.3 0.028 | 0.06 | 2.00 0.079 | 3.90 0.154 | 1.80 0.071 | 1.90 0.075 | 12 | 8 | 2000 | 10000 |
| 1812 (4532) | 1.5±0.2 0.063 | 3.2±0.2 0.126 | 4.5±0.2 0.177 | 0.7±0.3 0.028 | 0.09 | 2.00 0.079 | 3.90 0.154 | 3.40 0.134 | 1.90 0.075 | 12 | 8 | 1000 | 5000 |

Part Number: 2506031027Y0
 Frequency Range: Low Current
 Description: CHZ0.8/0.8/1.6-Y0-102 MULTI-LAYER CHIP BEAD
 Application: Suppression Components
 Where Used: Board Component
 Part Type: Chip Beads
 Preferred Part:

Part Type Information

Mechanical Specifications

Weight: 0.006 (g)

[View Chart Legend](#)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 0.80 | ±0.15 | 0.031 | — |
| B | 0.80 | ±0.15 | 0.031 | — |
| C | 1.60 | ±0.15 | 0.063 | — |
| D | 0.40 | ±0.20 | 0.016 | — |
| E | — | — | — | — |
| F | — | — | — | — |
| G | — | — | — | — |
| H | — | — | — | — |
| J | — | — | — | — |
| K | — | — | — | — |

| Land Patterns | | | | |
|----------------|----------------|----------------|----------------|---|
| V | W (ref) | X | Y | Z |
| 0.600 0.024 | 1.700 0.067 | 1.000 0.039 | 1.100 0.043 | — |

| Reel Information | | | | |
|------------------|----------|---------------|----------------|----------------|
| Tape Width mm | Pitch mm | Parts 7" Reel | Parts 13" Reel | Parts 14" Reel |
| 8 | 4 | 4000 | 10000 | — |

| Winding Information | | | |
|---------------------|-----------|-----------------|-----------------|
| Turns Tested | Wire Size | 1st Wire Length | 2nd Wire Length |
| — | — | — | — |

| Pkg Size | |
|-------------|--|
| 0603 (1608) | |

| Connector Plate | |
|-----------------|--------|
| # Holes | # Rows |
| — | — |

| Cable Information | | | |
|-------------------|---------------|------------------|------------------|
| Max Diameter | Max Dimension | Solid Equivalent | Flat Cable Cores |
| — | — | — | — |

Electrical Specifications

| Typical Impedance (Ω) | |
|-----------------------|-----------|
| 50 MHz | 653 |
| 100 MHz ⁺ | 1000 ±25% |
| 500 MHz | 241 |
| 1000 MHz | 110 |

| Electrical Properties | |
|-----------------------|----------|
| Signal Speed | Standard |
| Max DCR (Ω) | 0.55 |
| Max Current (mA) | 300 |

Impedance Curve

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