

SN 79A B9 566 K 501 H M T XXX

Package Type

SN = Straight lead
 SJ = J lead
 SL = L lead

ST = J tab lead
 SO = L tab lead

CASE SIZE

Refer to catalog dimensions table

DIELECTRIC CODE

B7 = X7R, Class II, Stable
 B8 = Class II, 150 °C rated
 B9 = Class II, 200 °C rated
 BH = Class II, 250 °C rated
 BU = Class II, 300 °C rated
 BX = X7R, +15/-25% VTC
 BR = X7R, +15/-40% VTC

N7 = COG / NPO, Ultra Stable
 N8 = COG / NPO, 150 °C rated
 N9 = COG / NPO, 200 °C rated
 NH = COG / NPO, 250 °C rated
 NU = COG / NPO, 300 °C rated

CAPACITANCE

- Value in Picofarads.
 - Two significant figures followed by number of zeros. R = decimal. ie:

102 = 1000 pF
 393 = 39,000 pF = 0.039 µF
 104 = 100,000 pF = 0.10 µF
 105 = 1,000,000 pF = 1.0 µF

566 = 56,000,000 pF = 56 µF
 107 = 100,000,000 pF = 100 µF
 228 = 2,200,000,000 pF = 2200 µF

CAPACITANCE TOLERANCE

| Code | NPO / COG | X7R / Class II |
|------------------------|-----------|----------------|
| B = ± 0.10 pF, < 10 pF | | |
| C = ± 0.25 pF, < 10 pF | | |
| D = ± 0.50 pF, < 10 pF | | |
| F = ± 1% | | |
| G = ± 2% | | |
| J = ± 5% | | |
| K = ± 10% | | |
| M = ± 20% | | |
| Z = +80 / -20% | | |
| P = +100 / -0% | | |

XXX

XXX = Special Cust req's
 Blank = No special req's
 L = Low profile design

PACKAGING

W = Waffle Pack
 - Recommended ≥ 15A Pkg size
 T = Tape & Reel
 Blank = Bulk Pack (Std option)

MARKING

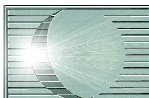
M = Marked
 Blank = Unmarked

HIGH REL TESTING

H = High Rel Testing Required
 Blank = Standard MLCC
 - Contact factory to determine applicable MIL Spec defined test requirements.

WORKING VOLTAGE

- Value in Vdc.
 - Two significant figures followed by number of zeros. ie:
 250 = 25 Vdc
 500 = 50 Vdc
 100 = 10 Vdc
 501 = 500 Vdc

| | | | |
|--------------|----------|--|---|
| APPROVALS | DATE | <i>Eclipse NanoMed, LLC</i> 5055 Metric Way, Suite 105 Carson City, NV 89706 PH: (775) 841-1913 |  |
| DRW M. Roach | 12/03/09 | | |
| CHK | | | |
| ENG | | SMPS ASSY PART NUMBER SYSTEM | REV - 012/03/09 |
| QA | | DOC# | SHEET 1 OF 1 |