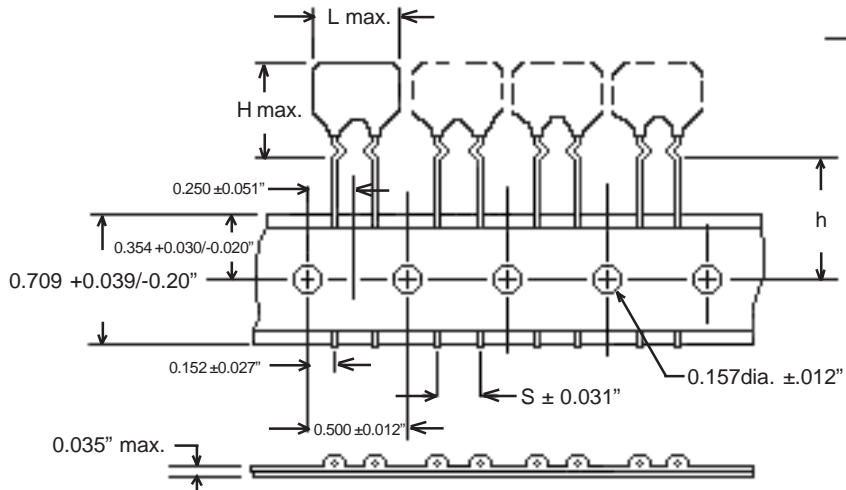


DRAWING NUMBER **CDA15FD101JO3F+XBC**
 1 OF 1

Silver Dipped Mica Capacitor
 CDE P. N. : CDA15FD101JO3F+XBC

REV	REVISION	DATE	BY
0		3/3/09	rrs



L = .430" (10.9 mm)
 H = .500" (12.7 mm)
 T = .140" (3.6 mm)
 S = .200" (5.1 mm)
 d = .025" (0.6 mm)
 h = 16 ± 0.5 mm

Electrical Characteristics

Capacitance (at 1 MHz, 25°C): 100 pF
 Capacitance Tolerance: ± 5% (J)
 Rated Voltage : 500 Vdc (D)
 Dielectric Withstand Voltage (5 seconds): 1000 Vdc
 Dissipation Factor (at 1MHz, 25°C): .075% Max.
 I.R. (at 100 Vdc, +25°C): >100,000MΩ
 Operating Temperature Range: O (-55 to +125°C)
 Temperature Characteristic: F (T.C.: 0 to +70 ppm/°C; Drift: ±(0.05%+0.1 pF))
 Vibration Grade: 3 [MIL-STD-202 Method 204 Condition D, (Vibration Condition: 10 to 2,000 Hz)]

Construction

Dielectric: Silvered Mica
 Case: Epoxy Dip Coating (Mustard color indicates RoHS compliant (F))
 Leads: Tinned Copper Wire

+XBC Suffix

X: Special Stamping (X=None)
 B: Special Leads (B = Knock-Kneed Crimp)
 C: Special Packaging (Tape & Ammo, h = 16mm, Copper leads)

TYPICAL MARKINGS

CDM 100±5%

PACKAGING:

Tape and Ammo

Dimensions in inches unless otherwise specified.

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For reference only. Dimensions and specifications are per the latest standard product offering.

PRODUCT SPECIFICATION	
CDE	CORNELL DUBILIER ELECTRONICS NEW BEDFORD, MASSACHUSETTS USA

DATE 3/3/09	TYPE CDA15	
APPROVED RRS	NOT TO SCALE	1 OF 1
DRAWN BY RRS	DRAWING NUMBER CDA15FD101JO3F+XBC	