

MAIDA DEVELOPMENT COMPANY
DISK CAPACITOR DATA SHEET - STANDARD DESIGN

DATE - 10-28-2011

DISC CAPACITOR IDENTIFICATION

MDC Style No.: D7054Z5U682M12KV
Coating: EPOXY - FLUID BED POWDER
Assembly Dwg: N/A
ULI4I4 Recognized: N/A

Min. Marking: /MDC/6800M/Z5U/12KV
Lead Type: Straight – Anti-corona offset
Lead Dwg: N/A
CSA Certified: N/A

ELECTRICAL CHARACTERISTICS

Cap., pF: 6800 ± 20% @ 1KHz
DC Voltage Rating: 12KV
Temp. Coeff (per EIA): Z5U
Rated Temp. Range: +10C to +85C
Max. Cap Chge: +22%,-56%
Life Test: 1000hrs/ 85C / 18000 VDC

Max. % D.F.: 2.50 - Min. Q: 40 @ 1KHz
AC Voltage Rating: N/A
Min. I.R. @ 100 VDC: 10,000 Megohms/2 min.
Diel. Withstd Volt.: 24000 VDC/1 sec.
Case Withstd Volt.: 1300 VDC/1 Sec.

PHYSICAL DIMENSIONS

Max. Diameter: 1.350 inch
Max. Height: 1.475 inch
Lead Spacing: .500 ± .062 inch
Wire Gauge: 20 AWG

Max. Thickness: 0.430 inch
Coating on Leads: 0.125 inch max.
Lead Length: 1.25 inch min.
Wire Diam.: .032 inch
