

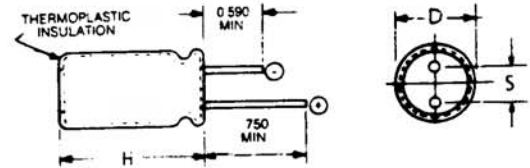
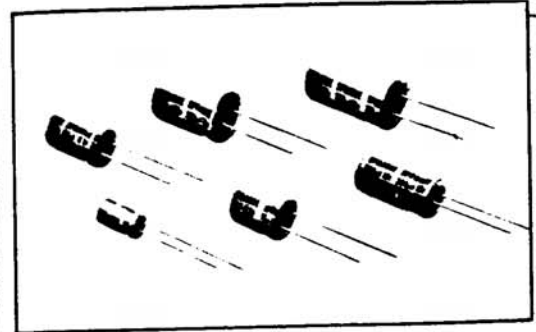
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD

STANDARD

MINIATURE ELECTROLYTICS

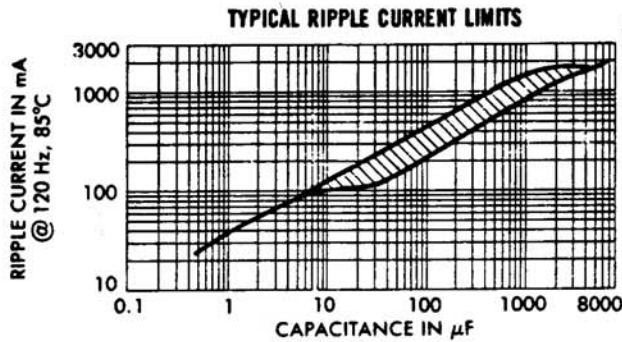
PERFORMANCE CHARACTERISTICS

- Operating Temperature Range:** -40°C to +85°C.
- Capacitance Tolerance:** ±20%; * (Starred Units) -10, +50%.
- Dissipation Factor:** Maximum @ 120 Hz, +25°C for 6.3 WVDC, 24%; * (Starred Units) 6.3 WVDC, 22%; 10 WVDC, 20%; 16 WVDC, 17%; 25 WVDC, 15%; 35 WVDC, 13%; * (Starred Units) 35 WVDC, 12%; 50 and 63 WVDC, 10%.
- Leakage Current:** Maximum is the greater of 4 μA or * (Starred Units) 3 μA or the value calculated from the formula $I = 0.03 CV$. Where I is leakage current in μA, V is rated voltage in volts, and C is rated capacitance in μF.
- Life Test:** (At +85°C) Rated voltage shall be applied for 1000 hours. After test, capacitance shall not have changed by more than ±20% from original value. Leakage current shall not exceed initial requirement. * (Starred Units) After test, capacitance for units rated up to 16 WVDC shall not have changed by more than -25 +15% from original value; for units rated at 25 WVDC and above, ±15%. The product of ESR in ohms and capacitance in microfarads shall not exceed 150% of initial requirement. Leakage current shall not exceed initial requirement.
- Reverse Voltage:** Up to 1.0 volts may be applied without significant change in performance characteristics.



DIMENSIONS (in inches)*

Size Code	D	H	S	Lead Diam.
MB	0.315	0.492	0.138	0.024
ML	0.315	0.453	0.137	0.024



UPDATES
CE135-150-16
CE135-1
150 MF
16 VOLTS

μF	Size Code	Catalog Number
150	ML	503D157M016ML
220	NB	503D227M016NB

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	LIST OF MATERIAL				
DECIMALS X ± .05 .XX ± .01 .XXX ± .005	FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK CAPACITOR ELECTROLYTICS.	
FRACTIONS 1/64	MECH. DES.		DATE		
TOLS. ANGLES 0°-30°	ELECT. DES.		DATE		
	CHECKED		DATE		
	DRAWN		DATE		

NOTICE TO PERSONS RECEIVING THIS DRAWING
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CE135-	
SCALE	SHEET		OF

