

Regulatory Compliance Declaration

Issued by Cornell Dubilier Electronics, Inc.

Declaration

The parts or product series presented in the appendix are evaluated against the most current legislation as of **January 17, 2023**. This document explicitly outlines products contained in our catalog and does not apply to custom solutions. Our products are evaluated at the [article](#) level when determining a regulatory status. The information presented is accurate and truthful to the best of our knowledge.

Subject to [CD Document 10-28](#) (copy enclosed)
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Legend



Maximum Compliance

Series with the Green Leaf enjoy low regulatory risk.

Compliant

[EPA TSCA 6\(H\)](#)

[EU RoHS 2011/65/EU+ and 2015/863‡](#)

†Without exemption

‡Exemptions not applicable

[EU REACH Annex XVII](#)

[Conflict Minerals \(3TG, Cobalt\)](#)

Unaffected

[EU REACH SVHC](#)



Has Substances of Concern

Series with the Yellow Hazard mark contain substances of concern and might not be appropriate for usage in all markets. Please refer to notes.

Compliant

[EPA TSCA 6\(H\)](#)

[EU RoHS 2011/65/EU+ and 2015/863‡](#)

†Without exemption

‡Exemptions not applicable

[EU REACH Annex XVII](#)

[Conflict Minerals \(3TG, Cobalt\)](#)



Compliance with Exemptions

Series with the Transparent Green Leaf have some regulatory risk due to exemptions. Please refer to notes.

Compliant

[EPA TSCA 6\(H\)](#)

[EU RoHS 2011/65/EU+ and 2015/863‡](#)

†With exemptions

‡Exemptions not applicable

[EU REACH Annex XVII](#)

[Conflict Minerals \(3TG, Cobalt\)](#)



Has Restricted Substances

Series with the Red Hazard mark contain restricted substances and should be carefully evaluated for use in your market. Please refer to notes.

Compliant

[EPA TSCA 6\(H\)](#)

[Conflict Minerals \(3TG, Cobalt\)](#)

Product Selector

Aluminum Electrolytic



Aluminum Polymer



Film



Mica Capacitors



Rechargeable Batteries



Supercapacitors



Accessories



Obsolete Parts



Appendix

*Not for new design

±Please contact us for more information

Aluminum Electrolytic

Axial

AXLH
BPA
TMA
TTA

NLW

Note: The NLW series contains DMF, [68-12-2](#) or NMP, [872-50-4](#) in the electrolyte depending on rated voltage.

<=70Vdc

[68-12-2](#)

>=70Vdc

[872-50-4](#)

WBR

Note: The WBR series contains DMF, [68-12-2](#) or NMP, [872-50-4](#) in the electrolyte depending on rated voltage.

(>30Vdc <75Vdc)

<=30Vdc

[68-12-2](#)

>=70Vdc

[872-50-4](#)

Radial

BPS
CKE
CKH
CKR
CKS
FXM
HJR
JZM
KBM
KFM
KXM
PBM
PGM
PUM
RSS
SAK
SEK
SK
STF
SVF
TXK

Surface Mount

AFC*
AFK
AFK_V
AHA*
ATB
AVE*
AVES
AVEZ
AVS*
AXZ
NPS
SJR
SMH
SML
SVH
SVL

Prismatic

Note: Prismatic series capacitors are designed with MILSPEC ratings in mind, and use tin/lead solder. Lead, [7439-92-1](#) is present in all cases.

MLP
MLPS
MLSG
MLSG-S
MLSH
NHR
THA
THAS
ULP
MLS*±

Snap-In

380
(L,LQ,LX)
381
(L,LL,LR,LQ,LX)
382
(L,LQ,LX)
383
(L,LL,LX)
LBA
LBB
LMB
LMH
LMX
SLP
SLPX
LP*±
LPX*±

Screw Terminals

Note: The following large-screw terminals utilize NMP [872-50-4](#) in the electrolyte when above a 300Vdc rated voltage.

500C
500R
520C
550
550C
DCMC
3198*±
3191*±
3199*±
CG*±
CGH*±
CGO*±
CGR*±

Motor Start

PSU

Photoflash and Strobe

FSB
FSL
FSR
ST

Aluminum Polymer






Radial

ALG 
AVG 
UER 
ULG 
ULR 

Vertical Chip

HZA 
HZA-V 
HZA 
HZA_V 
UVG 
UVR 
GXX* 

Molded Chip

XMPL 
ESRD* 
ESRE* 
ESRH* 
ESRL* 

Flat

PPC 

Film, Paper-Film

Power Film, AC

1-Phase

- 953B
- ALH
- PCD
- PC*

3-Phase

- AMPO
- EPFC
- MMPO
- PFCH
- PFCS

High Voltage

- H
- HV*

Microwave Oven

- N50

Motor Run and AC Power Supply

Single Capacitance

- MPF
- SF
- Z Motor-Run
- Z Power Supply

Dual Capacitance

- SF Duals
- Z Motor-Run Duals

Box

- QPC

HID and Ballast Lighting

Oil Filled

- SF Lighting
- Z Lighting

Dry

- D

Resonant Caps

Round

- LC
- (3,4,5,6)

Rectangular

- HC
- (1,2,3,3A,3B,4,5,6)

Surface Mount

- FCA
- FCN
- FCP

Note: Capstick® CB and CS capacitors series without FA or FS contain lead,

7439-92-1.

- CB
- CS

Power Film, DC

DC Link

Box

- BLC
- BLH
- BLX
- DCB

Cylindrical

- 944L
- 944U
- 947C
- 947D
- UNL

Note: The 944 (L,U) and 947 (C,D) series claim RoHS Exemption 6(c). Lead is contained in brass and is not affected by EU Reach.

Snubber

Axial

- 940C
- 941C
- 942C
- 943C

IGBT

- PMB
- PMC
- RBPS
- RMB
- SCC
- SCD
- SCM

Radial

- PPB
- PPR
- PSB
- RSB

SCR Commutation

- SCR
- (Jan 2018-Onwards)
- SNU

DC Filter

- OTB
- (Jan 2018-Onwards)
- T

Axial

- 150
- 460M
- 461M
- 704M
- 730P
- 760M
- 761M
- 930
- 932
- 935
- 936
- 946
- 950
- 951C

Axial, Continued

- AFEO
- AREM
- ARPM
- MAR
- MMP
- MMWA
- MPW
- MWR
- PHC
- PPA
- PPS
- PWS
- WMC
- WMF
- WPP
- AFPS*
- ARPS*

Radial

- 160
- 168
- 171
- 185
- 225P
- 418P
- 425M
- 715P
- 717P
- 716P
- 716P-HV
- 718P
- 719P
- 725P
- 778P
- 779P
- 953B
- DME
- DMM
- DMT
- DPFF
- DPP
- DPPM
- MMR
- MPR
- MSR
- MTB
- PHB
- PPB
- PPR
- PSB
- RSB
- RA

X2 and Arc Suppression

















- 158X
- MKP
- MPX
- MXH
- MYH
- Q
- QRL

Mica





Dipped Mica  

Notes: Dipped Mica not ending in "F" contains lead, [7439-92-1](#);
Parts made prior to 2017 contain deca-BDE, [1163-19-5](#)
All CD series parts contain TBBPA









Standard

- CD10  
- D10  
- CD15  
- CD19  
- CD30  
- CD42  
- CDV19  
- CDV30  



















Snubber and RF Applications

- CD16  
- CDV16  







High Frequency

- CD4  
- CD17  
- CD18  
- CDV18  

Miniature

- CD5  
- CDS5  
- CD6  
- D7  
- CD7  
- CDS10  
- CDS15  
- CDS19  
- CDS30  

High Reliability

- CMR03 
- CMR04 
- CMR05 
- CMR06 
- CMR07 
- CMD08 

Surface Mount









- MCM 
- MIN 

MC(N) 

Note: The MC(N) series claims RoHS Exemption [7\(c\)-1](#). Lead is encapsulated in a glass matrix and is not affected by EU REACH.

Transmitting

Note: All Transmitting Mica capacitors contain lead, [7439-92-1](#). Lead free options are not available currently.

- 271 
- 272 
- 273 
- 291 
- 292 
- 293 
- 294 
- F2 

Partial Discharge Coupling

Note: Partial Discharge Coupling capacitors contain lead, [7439-92-1](#). Lead free options are not available currently.

- 297 

Coin Cell

RJD 

SuperCaps

DGH 
VMF 
VMP 
VPF 
DSF 
DCN* 
DCR* 
DER* 
DSM 
EDC 
EDS 

Accessories

AC Motor Run Hardware

Oval Brackets

- 32107-1
- 32107-2
- 32107-3
- 30393-5, OB2
- 30393-9, OB4
- OB3

Round Brackets

VRxx series

VRSCREW

VRNUT

RBxxx Series

Other Accessories

44603 (OC1) Insulating-Boot

32108-2

ACR200KT Motor Run Resistor Kit

Aluminum Electrolytic Hardware

Footed Brackets

125565-xx Series

125309-01

Clamp Brackets

125562-xx Series

Nylon Nuts

M8S17W25

M12S22W30

M12S30W38

Motor Start Hardware

Other Accessories

THxx Mounting Clip Series

HBx Bracket Series

PL End Cap Series

PLA End Cap Series

ACR15KT Motor Start Resistor Kit

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