

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 
HZA 
HZA-V 
HZA 
HZA-V 

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\(c\)-I](#). 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

CD DOCUMENT 10-28

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