

# 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 October 1, 2021. 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)  
Cornell Dubilier Electronics, Inc

*Stephen Smith*



Stephen Smith  
Corporate Product Compliance Officer  
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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<sup>†</sup> and 2015/863<sup>‡</sup>](#)

<sup>†</sup>Without exemption

<sup>‡</sup>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<sup>†</sup> and 2015/863<sup>‡</sup>](#)

<sup>†</sup>Without exemption

<sup>‡</sup>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<sup>†</sup> and 2015/863<sup>‡</sup>](#)

<sup>†</sup>With exemptions

<sup>‡</sup>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

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### 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   
SEK   
SK   
STF   
SVF   
TXK

#### Surface Mount

AEB   
AFC   
AFK   
AFK\_V   
AHA   
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   
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




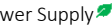
H   
 HV\* 

#### 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   
 BLX   
 DCB 

##### Cylindrical

944U   
 947C   
 947D   
 UNL 

#### 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   
 AFEO   
 AREM   
 ARPM 






### Axial, Continued

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   
 Q   
 QRL 

## Mica

### [Dipped Mica](#)

Note: Dipped Mica not ending in "F" contains lead, [7439-92-1](#).









#### 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 
- DSF\* 
- DCN\* 
- DCR\* 
- DER\* 
- 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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