

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 **July 25, 2022**. 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
compliance@cde.com

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
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 
HZC 
HZC_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

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

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 
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

To the fullest extent allowed by applicable laws and regulations:

All declarations, representations, warranties, certifications and statements made by Cornell Dubilier Electronics, Inc., a Delaware corporation ("CD"), in any document are limited to the actual knowledge of CD and may be based exclusively upon statements and other communication made to CD by other persons (including, without limitation, its suppliers); and CD is in no way accepting any responsibility for investigating or otherwise checking or determining the truth, accuracy or completeness of any such third-party statement or communications; and all obligations and liabilities of CD are limited as provided in this instrument.

IN NO EVENT SHALL CD BE LIABLE FOR ANY PUNITIVE, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. All limitations of liability provisions in this CD Document 10-28 shall apply to any and all claims or suits or other litigation brought against CD, including (without limitation) any claims based upon negligence, breach of contract, breach of warranty, breach of declaration, breach of representation, strict liability, or any other legal theories upon which liability may be asserted against CD.

EACH RECIPIENT HEREOF IS PLACED ON NOTICE THAT CD'S PRICES ARE BASED UPON CD'S LIMITATION OF LIABILITY CLAUSES (INCLUDING, WITHOUT LIMITATION, THOSE SET FORTH IN THIS CD DOCUMENT 10-28); AND CD SHALL NOT, IN ANY EVENT, BE LIABLE ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR RELATED TO ANY DECLARATION, REPRESENTATION, WARRANTY, CERTIFICATION, OR STATEMENT, OR THE MANUFACTURE, SALE, DELIVERY, USE, CONTENT, MATERIALS OR COMPONENTS OF ANY GOODS IN ANY AMOUNT EXCEEDING THE PURCHASE PRICE OF CD'S GOODS SPECIFICALLY INVOLVED IN SUCH CLAIM.

This CD Document 10-28 and the liability limitations and other provisions contained herein shall override any and all provisions of any other document to the contrary and shall be deemed included in any agreement or other instrument executed by CD and delivered to the recipient on or after the date hereof (and CD's signature or other execution of any such agreement or other instrument shall be deemed to include, and be subject to, the substance of this CD Document 10-28); and under no circumstances shall CD be deemed to release or waive any liability limitation or other provisions set forth in this CD Document 10-28 except to the extent that a duly authorized officer of CD actually signs a waiver or release on behalf of CD that specifically references this CD Document 10-28 and explicitly states the CD is making such a waiver or release.

The liability limitations and other provisions of this CD Document 10-28 shall (despite any provisions in any other document to the contrary; and without restricting the scope or impact of any other provision of this CD Document 10-28) be deemed accepted by any purchaser of any CD goods upon the earliest of the following: the placement of any order for any CD goods by the purchaser (or the purchaser's acceptance of any offer by CD to sell any goods, or the purchaser's payment [or partial payment] for any CD goods, or the receipt by the purchaser of any shipment of CD goods) following the time that this CD Document 10-28 is delivered to such purchaser (or prospective purchaser) regardless of whether such delivery is via e-mail, messenger service, delivery service, fax, mail or some other means.

Furthermore, any liability of CD in any way related to any declaration, certification, representation, warranty or other statement made by CD on or after the date that this CD Document 10-28 is executed by CD shall be subject to this CD Document 10-28 and limited as set forth in this CD Document 10-28 despite anything to the contrary.

The internal law of the State in which CD executes this CD Document 10-28 shall govern the interpretation and enforcement of this CD Document 10-28 (without regard for the conflict of law provisions of such State; and the UN Convention on Contracts for the International Sale of Goods and the UN Convention on the Limitation Period in the International Sale of Goods shall not govern this CD Document 10-28 or any transaction or other matter referenced in this CD Document 10-28 or related hereto); and the proper venue and jurisdiction of all litigation related to such interpretation and enforcement shall be in the US Federal and State Courts located in such State; and all expenses incurred by CD (including, without limitation all court costs, attorneys' fees and expenses, and expert witness fees and expenses) in enforcing or attempting to enforce this CD Document 10-28 or any provision hereof shall be borne by the person litigating against, disputing, contesting or otherwise resisting such enforcement.

Cornell Dubilier Electronics, Inc.