

RoHS Compliance Status

Stackpole Electronics has joined the worldwide effort to reduce the amount of lead in electronic components and to meet the various regulatory requirements now prevalent, such as the European Union's directive regarding "Restrictions on Hazardous Substances" (RoHS 3). As part of this ongoing program, we periodically update this document with the status regarding the availability of our compliant components. All our standard part numbers are compliant to EU Directive 2011/65/EU of the European Parliament as amended by Directive (EU) 2015/863/EU as regards the list of restricted substances.

Resistors						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
ASR	Anti-Surge Resistor	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
ASRM	Mini Anti-Surge Resistor	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
ASRM14	Mini Anti-Surge Resistor	Axial	YES ⁽¹⁾	99.3/0.7 Sn/Cu	Apr-05	05/14
BR	Bare Element Current Sensing Resistor	Special	YES	100% Matte Sn	Jan-06	06/01
BVM	Ceramic Housed Vertical Bracket Mount Resistor	Special	YES	100% Matte Sn	Always	Always
CB	Ceramic Housed with Axial Leads Power Resistor (Standard)	Axial	YES	100% Matte Sn	Jan-06	06/01
CBF	Ceramic Housed with Axial Leads Power Resistor (with standoff)	Axial	YES	100% Matte Sn	Jan-06	06/01
CBT	High Power Ceramic House Wirewound with Tabs	Axial	YES	100% Matte Sn	Always	Always
CD	Axial Leaded Zero Ohm Resistor	Axial	YES	100% Matte Sn	Jan-04	04/01
CDM	Axial Leaded Zero Ohm Resistor (Mini)	Axial	YES	100% Matte Sn	Jan-04	04/01
CF	Carbon Film Resistor	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CFF	Carbon Film Resistor (Flameproof)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CFFM	Carbon Film Resistor (Flameproof - mini)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CFM	Carbon Film Resistor (Mini)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CFQ	Carbon Film Resistor (Tin Plating on Copper Wire)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CFQM	Carbon Film Resistor (Tin Plating Mini on Copper Wire)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
CSFA	Automotive Grade High Current Jumper	SMD	YES	100% Matte Sn over Ni	Always	Always
CSM	Molded Metal Alloy Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
CSNL	Metal Alloy Current Sensing Chip Resistor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
CSR	Thick Film Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
CSRF	Foil on Ceramic Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Jul-04	04/27
CSRN	Thick Film Current Sensing Resistor (Narrow)	SMD	YES	100% Matte Sn over Ni	May-04	04/18
CSRT	Thin Film Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
CSRW	Thick Film Long Side Termination Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
CSS	Ultra-Precision Metal Alloy Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
CSSH	Ultra-Precision Metal Alloy Current Sensing Resistor (High Power)	SMD	YES	100% Matte Sn over Ni	Always	Always
CSSK	Kelvin Termination Metal Alloy Current Sensing Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
ESD	Low Capacitance ESD Suppressor	SMD	YES	100% Matte Sn over Ni	Always	Always
ESDU	Ultra-Low Capacitance ESD Suppressor	SMD	YES	100% Matte Sn over Ni	Always	Always
EWT	Non-Flammable Edgewound Tubular Wirewound Resistor	Special	YES	100% Matte Sn	Always	Always
FCR	Trimmable Thick Film Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-04	04/01

Note (1): RoHS Compliant by means of exemption 7c-l.

RoHS Compliance Status

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FRC	Fusible Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
FRN	Axial Leaded Fusing Resistor	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
HCC	High Current Chassis Mount Shunt Resistor	SMD	YES	100% Copper	Always	Always
HCJ	High Current Jumper Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
HCS	High Current Metal Alloy Shunt Resistor	SMD	YES	100% Copper	Always	Always
HCSK	Kelvin Termination Metal Alloy Shunt Resistor	SMD	YES	100% Copper	Always	Always
HCSM	High Power Metal Alloy Current Shunt Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
HDM	Moisture Resistant Carbon Film Resistor	Axial	YES	100% Matte Sn	Always	Always
HGC	Thick Film Precision High Resistance Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
HMC	High Resistance Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-04	04/01
HVA	High Voltage Axial Leaded Resistor	Axial	YES ⁽¹⁾	100% Matte Sn	Always	Always
HVAM	Precision High Voltage Leaded Resistor <i>DISCONTINUED</i> (January 19, 2022)	Axial	YES	100% Matte Sn	Always	Always
HVC	High Voltage Thick Film Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
HVCR	High Voltage Low VCR (100% VCR Screened) Chip Resistor	SMD	YES ⁽¹⁾	100% matte Sn ("T")	Always	Always
HVD	High Voltage Plate Resistor Divider	Radial Special	YES ⁽¹⁾	96.3/3.7 Sn/Ag	Always	Always
HVR	High Voltage Radial Leaded Plate Resistor	Radial Special	YES ⁽¹⁾	100% Matte Sn	Always	Always
JW	Tin Plated Jumper Wire Resistor	Axial	YES	100% Matte Sn	Jan-04	04/01
KAL	Aluminum Housed Chassis Mount Resistor (Standard)	Special	YES	100% Matte Sn	Jan-06	06/01
KAW	Aluminum Housed WW Resistor Insulated wire Leads and Crimped Connectors	Special	YES	100% Matte Sn	Jan-06	06/01
LCB	Ceramic Housed Current Sensing Resistor with 2 Leads (Standard)	Axial	YES	100% Matte Sn	Jan-06	06/01
LCBF	Ceramic Housed Current Sensing Resistor with 2 Leads (with Standoff)	Axial	YES	100% Matte Sn	Jan-06	06/01
LVM	Ceramic Housed Vertical Mount Low Resistance Resistor (Ribbon Element)	Radial	YES	100% Matte Sn	Jan-06	06/01
MCB	Ceramic Housed General Purpose Metal Oxide Element Resistor (standard)	Axial	YES	100% Matte Sn	Jan-06	06/01
MCBF	Ceramic Housed General Purpose Metal Oxide Element Resistor (with standoff)	Axial	YES	100% Matte Sn	Jan-06	06/01
MG	High Voltage Metal Glaze Resistor (Standard)	Axial	YES ⁽¹⁾	100% Matte Sn	Jan-06	04/01
MGE	High Voltage Metal Glaze Resistor (Epoxy Coating)	Axial	YES ⁽¹⁾	100% Matte Sn	Jan-06	04/01
MGM	High Voltage Metal Glaze Leaded Resistor (Mini)	Axial	YES ⁽¹⁾	100% Matte Sn	Always	Always
MGME	High Voltage Metal Glaze Leaded Resistor (Mini - Epoxy Coating)	Axial	YES ⁽¹⁾	100% Matte Sn	Always	Always
MHL	Metal Clad Wirewound Resistor	Special	YES	100% Matte Sn	Always	Always

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RoHS Compliance Status

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MLF	Metal Film Melf Resistor (Standard)	SMD	YES	100% Matte Sn over Ni	Always	Always
MLFA	Metal Film Melf Resistor (AEC-Q200 Qualified)	SMD	YES	100% Matte Sn over Ni	Always	Always
MLFM	Metal Film Melf Resistor (Mini)	SMD	YES	100% Matte Sn over Ni	Always	Always
MPR	Flameproof Metal Plate Resistor	Radial Special	YES	100% Matte Sn	Always	Always
MR	Low Resistance Value Leaded Resistor - Molded 2 Leads	Axial Kelvin	YES	100% Matte Sn	Jan-06	06/01
MRS	Low Resistance Value Leaded Resistor (High Stability)	Axial Kelvin	YES	100% Matte Sn	Jan-06	06/01
MVM	Ceramic Housed Vertical Mount Wirewound Resistor (Metal Oxide)	Radial	YES	100% Matte Sn	Jan-06	06/01
MWW	General Purpose and Precision Wirewound Resistor (Molded)	Axial	YES	100% Matte Sn	Jan-06	06/01
NCB	Welded Ceramic Housed Axial Leaded Wirewound Resistor (Non-Inductive)	Axial	YES	100% Matte Sn	Jan-06	06/01
NKAL	Aluminum Housed Chassis Mount Resistor (Non-Inductive)	Special	YES	100% Matte Sn	Jan-06	06/01
NKAW	Aluminum Housed WW Resistor Insulated wire Leads and Crimped Connectors	Special	YES	100% Matte Sn	Jan-06	06/01
NMW	General Purpose and Precision Wirewound Resistor (Non-Inductive, Molded)	Axial	YES	100% Matte Sn	Jan-06	06/01
NSM	Surface Mount Wirewound Resistor (Non-Inductive)	SMD	YES	100% Matte Sn	Jan-06	06/01
NSZ	Ceramic Housed Wirewound Resistor with Specialty Leads	Radial	YES	99.3/0.7 Sn/Cu	Jan-04	04/01
NVM	Ceramic Housed Vertical Mount Wirewound Resistor (Non-Inductive)	Radial	YES	100% Matte Sn	Always	Always
NWW	General Purpose and Precision Wirewound Resistor (Non-Inductive)	Axial	YES	100% Matte Sn	Jan-06	06/01
NWWP	Pulse Withstanding Wirewound Resistor (Non-Inductive)	Axial	YES	100% Matte Sn	Always	Always
NWWS	General Purpose and Precision Wirewound Resistor (Non-Inductive, Mini)	Axial	YES	100% Matte Sn	Jan-06	06/01
PCB	Ceramic Housed - Commercial Grade	Radial	YES	100% Matte Sn	Always	Always
PCF	Carbon Film Resistor (Panasert CF14)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
PCFM	Carbon Film Resistor (Panasert CFM12)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
PCFQ	Carbon Film Resistor (Tin Plating on Copper Wire - Panasert)	Axial	YES	100% Matte Sn	Jan-04 (Taiwan, China)	04/01
PRNF	General Purpose Metal Film Resistor (Panasert)	Axial	YES	99.3/0.7 Sn/Cu 100% Matte Sn	Apr-05 (Japan) Jan-04 (Taiwan, China)	05/14 04/01
RACF	Thick Film Surface Mount Chip Resistor Array Concave Terminations DISCONTINUED (Nov. 15, 2019)	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-04	04/01
RAF	Flat Termination chip Resistor Array	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jul-04	04/27
RAVF	Convex Termination Thick Film Chip Resistor Array	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-04 (Japan) Jul-04 (Taiwan)	04/01 04/27
RAVS	Convex Anti-Sulfur Chip Resistor Array	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RC	Carbon Composition Leaded Resistor DISCONTINUED (Mar. 31, 2023)	Axial	YES	100% Matte Sn	Jan-86	86/01
RGC	Precision Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jul-04	04/27

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RoHS Compliance Status

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RHC	High Power Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jul-04	04/27
RMCA	Automotive Grade Anti-Sulfur and AEC Qualified Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RMCF	General Purpose Thick Film Chip Resistor (Standard Power)	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-04 (Japan) Jan-05 (Taiwan, China)	04/01 05/01
RMCG	Gold Barrier Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-06	06/01
RMCP	General Purpose High Power Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RMCS	Sulfur Resistant Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RMCW	Wide Termination Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RMEA	Automotive Grade Anti-Sulfur Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RMEF	General Purpose Thick Film Chip Resistor 100% Lead Free RoHS Compliant Without Exemption	SMD	YES	100% Matte Sn over Ni	Always	Always
RNCA	Automotive Grade Anti-Sulfur Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RNCF	Precision Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
RNCL	Thin Film High Power Anti-Surge Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RNCP	High Power Anti-Sulfur Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RNCS	Moisture Resistant Precision Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
RNCS-AS	Anti-Corrosive Anti-Sulfur Tantalum Nitride Replacement Chip Resistor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
RNCU	Ultra-High Power Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RNCV	Automotive Grade High Voltage Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	4-May	18-Apr
RNCW	Thin Film Wire-Bondable Chip Resistor - DISCONTINUED (Jan. 17, 2018)	SMD	YES	Gold Plating	Always	Always
RNF	General Purpose Metal Film Resistor (Standard)	Axial	YES	99.3/0.7 Sn/Cu 100% Matte Sn	Apr-05 (Japan) Jan-04 (Taiwan, China)	05/14 04/01
RNHT	Automotive Grade High Temperature Thin Film Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RNMF	General Purpose Metal Film Resistor (Mini)	Axial	YES	99.3/0.7 Sn/Cu 100% Matte Sn	Apr-05 (Japan) Jan-04 (Taiwan, China)	05/14 04/01
RNS	Ultra-Miniature Metal Film Resistor	Axial	YES	100% Matte Sn	Always	Always
RNV	High Voltage Anti-Moisture Metal Film Resistor	Axial	YES	100% Matte Sn over Ni	Always	Always
RNWA	Automotive Grade Wide Terminal Thin Film Precision Chip Resistor	SMD	YES	100% Matte Sn over Ni	Always	Always
RPC	Pulse Withstanding Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-03	03/01
RPCA	Automotive Grade Surge Withstanding Chip Resistor	SMD	YES(1)	100% Matte Sn over Ni	3-Jan	03/01
RSF	General Purpose Metal Oxide Resistor	Axial	YES	99.3/0.7 Sn/Cu 100% Matte Sn	Apr-05 (Japan) Jan-04 (Taiwan, China)	05/14 04/01
RSMF	Mini-Metal Oxide Resistor	Axial	YES	99.3/0.7 Sn/Cu 100% Matte Sn	Apr-05 (Japan) Jan-04 (Taiwan, China)	05/14 04/01

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RoHS Compliance Status

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Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
RSPF	Flameproof Power Resistor	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
RSPL	Flameproof Power Resistor Low Resistance (Low Values)	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
RTAN	Tantalum Nitride Thin Film Chip Resistor	SMD	YES	100% Matte Sn	Always	Always
RVC	Medium Voltage Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Jan-03	03/01
RVCA	Automotive Grade High Voltage Thick Film Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
RWT	Thermal Fusing Vertical Mount Wirewound Resistor	Radial	YES	100% Matte Sn	Always	Always
SM	Surface Mount Wirewound Resistor (Standard)	SMD	YES	100% Matte Sn	Jan-06	06/01
SMH	Surface Mount Wirewound Resistor (High Power)	SMD	YES	100% Matte Sn	Jan-06	06/01
SP	Fusing Wirewound Resistor	Axial	YES	100% Matte Sn	Always	Always
SPR	Discharge Path Resistor	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
SPRM	Discharge Path Resistor (Mini)	Axial	YES	99.3/0.7 Sn/Cu	Apr-05	05/14
TCB	Ceramic Housed Current Sensing Resistor with 4 Leads	Special (4 Leads)	YES	100% Matte Sn	Jan-06	06/01
TMJ	Thermal SMD Jumper	SMD	YES	100% Matte Sn over Ni	Always	Always
TMR	Low Resistance Value Resistor (Molded 4 Leads)	Axial Kelvin	YES	100% Matte Sn	Jan-06	06/01
TR	TO-220 and TO-247 Style Power Resistor	Radial Special	YES ⁽¹⁾	100% Matte Sn	Always	Always
UHV	Ultra-High Voltage Chip Resistor	SMD	YES ⁽¹⁾	100% Matte Sn over Ni	Always	Always
VM	Ceramic Housed Vertical Mount Resistor (Standard WW)	Radial	YES	100% Matte Sn	Jan-06	06/01
WCB	Welded Ceramic Housed Axial Leaded Wirewound Resistor (Standard)	Axial	YES	100% Matte Sn	Jan-06	06/01
WCBF	Welded Ceramic Housed Axial Leaded Wirewound Resistor (With Standoff)	Axial	Yes	100% Matte Sn	Always	Always
WRC	Conformal Coated Welded Wirewound Resistor	Axial	YES	100% Matte Sn	Always	Always
WVM	Ceramic Housed Vertical Mount Wirewound Resistor (Precision Wirewound)	Radial	YES	100% Matte Sn	Jan-06	06/01
WW	General Purpose and Precision Wirewound Resistor (Standard)	Axial	YES	100% Matte Sn	Jan-06	06/01
WWF	General Purpose Fusing Wirewound Resistor	Axial	YES	100% Matte Sn	Always	Always
WWP	Pulse Withstanding Wirewound Resistor	Axial	YES	100% Matte Sn	Always	Always
WWS	General Purpose and Precision Wirewound Resistor (Mini)	Axial	YES	100% Matte Sn	Always	Always
WWV	High Voltage Pulse Withstanding Wirewound Resistor	Axial	YES	100% Matte Sn	Jan-06	06/01

Note (1): RoHS Compliant by means of exemption 7c-l.

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Capacitors						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
CML	Multilayer Ceramic Chip Capacitor	SMD	YES	100% Matte Sn over Ni	Always	Always

Varistors						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
AV	Automotive SMD Varistor (Standard)	SMD	YES	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always
AVY	Automotive SMD Varistor (High Temperature)	SMD	YES	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always
CV	Low and Medium Voltage Leaded Varistor	Leaded	YES	100% Matte Sn	Always	Always
CVH	Medium Voltage Leaded Varistor	Leaded	YES	100% Matte Sn	Always	Always
DV	Low and Medium Voltage SMD Varistor	SMD	YES	Ag/Pd	Always	Always
PV	Low and Medium Voltage Plastic Encapsulated SMD Varistor	SMD	YES ⁽¹⁾	100% Matte Sn	Always	Always
RV	Standard and High energy Metal Oxide Varistor	Leaded	YES	96.5/3/0.5 Sn/Ag/Cu	Always	Always
SV	Special Medium Voltage Leaded Varistor	Leaded	YES	100% Matte Sn	Always	Always
ZV	Low Voltage SMD Varistor (Standard)	SMD	YES ⁽¹⁾	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always
ZVY	Low Voltage SMD Varistor (High Temperature)	SMD	YES ⁽¹⁾	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always
ZVE	ESD Suppression SMD Varistor	SMD	YES ⁽¹⁾	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always
ZVL	Low Voltage Leaded Varistor (Standard)	Leaded	YES	100% Matte Sn	Jul-05	05/27
ZVYL	Low Voltage Leaded Varistor (High Temperature)	Leaded	YES	100% Matte Sn	Jul-05	05/27
ZVX	Low Energy, Low Capacitance SMD Varistor	SMD	YES	Proprietary Barrier Termination (special designation "N") for lead-free assembly; AgPd for Pb-containing assembly	Always	Always

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Inductors						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
FB	Multilayer Ferrite Chip Bead Inductor	SMD	YES	100% Matte Sn	Always	Always
LDRS	SMD Shielded Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LP	SMD Unshielded Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LPC	SMD Unshielded Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LPSC	SMD Shielded Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LPM	Miniature SMD Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LPS	SMD Shielded Power Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LTF	Thin Film Chip Inductor	SMD	YES	100% Matte Sn over Ni	May-04	04/18
LWF	Ferrite Wirewound Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31
LWW	Wirewound Ceramic Chip Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31

Marisol Alvarado

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