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Manufacturers Representatives
Corporate Distributor Product Managers
Americas Sales Team
Asia Sales Team
Europe Sales Team
Bourns Internal



Bourns® Transformers Now Available in Lead Free Versions

All of Bourns® standard transformers are now available in lead free versions. The attached list notes the part number for the standard version and the part number for the lead free version. With the exception of SM-LP-5001 and SM-LP-5002, the addition of an “L” to the part number defines the lead free version of the standard product.

Both the SM-LP-5001 and SM-LP-5002 transformers are listed with United Laboratories (UL) and British Approval Board of Telecommunications (BABT). Any revision in the part numbers would require the qualification of the “new” part number by UL and BABT. The qualification process requires many months. For this reason, no “L” will be added to the SM-LP-5001 or SM-LP-5002. All of the SM-LP-5001 and SM-LP-5002 transformers shipped after March 27 (date code 0514) will be lead free.

The lead free versions of the SM-LP-5001 and SM-LP-5002 are compatible with customers’ current tin-lead processing and with the higher temperature required in lead free processing. The lead free versions of the SM-LP-5001 and SM-LP-5002 are identical to the tin-lead versions with the exception of the absence of lead.

Custom products, including transformers and power chokes, will be evaluated for transition to lead free as customers request product changes.

The accompanying lists also include the standard versus lead free part numbers for the balance of Bourns® Magnetics products. This information was released in November when the power chokes were converted to lead free. The schedule of availability denotes the last month in which tin-lead versions will be available for each model.

Updated specification sheets are available on the Bourns website, www.bourns.com, under Magnetics/Inductors.

Leaded PN	Lead Free PN	Requires "L" Suffix	Availability delivery status												
			Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	
PT539-1	PT539-1L	Y													
PT541-1	PT541-1L	Y													
PT542-1	PT542-1L	Y													
PT543-1	PT543-1L	Y													
PT544-1	PT544-1L	Y													
PT563-1	PT563-1L	Y													
PT564-1	PT564-1L	Y													
SM531-1	SM531-1L	Y													
SM535-1	SM535-1L	Y													
SM536-1	SM536-1L	Y													
SM537-1	SM537-1L	Y													
SM538-1	SM538-1L	Y													
SM540-1	SM540-1L	Y													
SM547-1	SM547-1L	Y													
SM561-1	SM561-1L	Y													
SM562-1	SM562-1L	Y													
PT61002	PT61002L	Y													
PT61003	PT61003L	Y													
PT61004	PT61004L	Y													
PT61005	PT61005L	Y													
PT61006	PT61006L	Y													
PT61007	PT61007L	Y													
PT61008	PT61008L	Y													
PT61010	PT61010L	Y													
PT61020	PT61020L	Y													
PT61021	PT61021L	Y													
PT61022E	PT61022EL	Y													
PT61023E	PT61023EL	Y													
PT61024	PT61024L	Y													

Comment Custom special partnumbers have to be checked case by case, but request an "L" at end of partnumber as well

Availability Inductors "leaded" and "lead free"

				Bookings for "leaded" part-numbers											
Chip Inductor	Requires "L" Suffix	Leaded PN	Lead Free PN	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
CM45	Y	CM453232-xxxX	CM453232-xxxXL												
CM32	Y	na	CM322522-xxxXL												
CM25	Y	na	CM252016-xxxXL												
CM20	Y	na	CM201212-xxxXL												
CM16	Y	na	CM160808-xxxXL												
CM10	Y	na	XM100505-xxxXL												
CC45	Y	CC453232-xxxX	CC453232-xxxXL												
CC32	Y	CC322522-xxxX	CC322522-xxxXL												
CW25	N	na	CW252016-xxxX												
CW20	N	na	CW201212-xxxX												
CW16	N	na	CW160808-xxxX												
CW10	N	na	CW100505-xxxX												
CS32	N	na	CS321613-xxxX												
CS20	N	na	CS201212-xxxX												
CS16	N	na	CS160808-xxxX												
CI20	N	na	CI201210-xxxX												
CI16	N	na	CI160808-xxxX												
CI10	N	na	CI100808-xxxX												
CI05	N	na	CI060303-xxxX												
CF45	N	na	CF453215-xxxX												
CF32	N	na	CF322513-xxxX												
CF25	N	na	CF252016-xxxX												
Through Hole	Requires "L" Suffix														
RLB	Y	RLBxxxx-xxxxX	RLBxxxx-xxxxXL												
PT121	Y	PT121xx	PT121xxL												
FSR	Y	FRS1013-xxxX	FSR1013-xxxXL												
LPA	Y	LPAxxxx-xxxX	LPAxxxx-xxxXL												
LPV	Y	LPVxxxx-xxxX	LPVxxxx-xxxXL												
Chip Beads	Requires "L" Suffix														
MH	N	na	MHxxxx-xxxY												
MG	N	na	MGxxxx-xxxY												
MU	N	na	MUxxxx-xxxY												
MZ	N	na	MZxxxx-xxxY												
MT	N	na	MTxxxx-xxxY												
MA	N	na	MA3216-xxxX4												



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		Bookings for "lead" part-numbers													
Power Choke Non Shielded	Requires "L" Suffix	Leaded PN	Lead Free PN	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
SDR0302	Y	SDR0302-xxxX	SDR0302-xxxXL												
SDR0403	Y	SDR0403-xxxX	SDR0403-xxxXL												
SDR0503	Y	SDR0503-xxxX	SDR0503-xxxXL												
SDR0602	Y	SDR0602-xxxX	SDR0602-xxxXL												
SDR0603	Y	SDR0603-xxxX	SDR0603-xxxXL												
SDR0604	Y	SDR0604-xxxX	SDR0604-xxxXL												
SDR0703	Y	SDR0703-xxxX	SDR0703-xxxXL												
SDR0805	Y	SDR0805-xxxX	SDR0805-xxxXL												
SDR0906	Y	SDR0906-xxxX	SDR0906-xxxXL												
SDR1005	Y	SDR1005-xxxX	SDR1005-xxxXL*												
SDR1006	Y	SDR1006-xxxX	SDR1006-xxxXL												
SDR1030	N	na	SDR1030-xxxX												
SDR1045	N	na	SDR1045-xxxX												
SDR1105	Y	SDR1105-xxxX	SDR1105-xxxXL												
SDR1305	N	na	SDR1305-xxxX												
SDR1307	Y	SDR1307-xxxX	SDR1307-xxxXL												
SDR1806	Y	SDR1806-xxxX	SDR1806-xxxXL*												
SDR2207	Y	SDR2207-xxxX	SDR2207-xxxXL*												
SDR7030	N	na	SDR7030-xxxX												
SDR7045	N	na	SDR7045-xxxX												
Power Choke Shielded	Requires "L" Suffix														
SRR0603	Y	SRR0603-xxxX	SRR0603-xxxXL												
SRR0604	Y	SRR0604-xxxX	SRR0604-xxxXL												
SRR0618	Y	SRR0618-xxxX	SRR0618-xxxXL												
SRR0804	N	na	SRR0804-xxxX*												
SRR0805	N	na	SRR0805-xxxX*												
SRR0906	Y	SRR0906-xxxX	SRR0906-xxxXL												
SRR0908	Y	SRR0908-xxxX	SRR0908-xxxXL												
SRR1003	N	na	SRR1003-xxxX*												
SRR1005	N	na	SRR1005-xxxX*												
SRR1205	Y	SRR1205-xxxX	SRR1205-xxxXL												
SRR1206	Y	SRR1206-xxxX	SRR1206-xxxXL												
SRR1208	Y	SRR1208-xxxX	SRR1208-xxxXL												
SRR1240	N	na	SRR1240-xxxX												
SRR1260	N	na	SRR1260-xxxX												
SRR1305	Y	SRR1305-xxxX	SRR1305-xxxXL												
SRR1806	N	na	SRR1806-xxxX*												
SRR3011	Y	SRR3011-xxxX	SRR3011-xxxXL												
SRR4011	Y	SRR4011-xxxX	SRR4011-xxxXL												
SRR6603	Y	SRR6603-xxxX	SRR6603-xxxXL*												
SRR7032	N	na	SRR7032-xxxX												
SRR7045	N	na	SRR7045-xxxX												
SRU1028	N	na	SRU1028-xxxX												
SRU1038	N	na	SRU1038-xxxX												
SRU1048	N	na	SRU1048-xxxX												
SRU1063	N	na	SRU1063-xxxX												
SRU3011	N	na	SRU3011-xxxX												
SRU3017	N	na	SRU3017-xxxX												
SRU3028	N	na	SRU3028-xxxX												
SRU5011	N	na	SRU5011-xxxX												
SRU5016	N	na	SRU5016-xxxX												
SRU5018	N	na	SRU5018-xxxX												
SRU5028	N	na	SRU5028-xxxX												
SRU8028	N	na	SRU8028-xxxX												
SRU8043	N	na	SRU8043-xxxX												
CAN Bus CMC	Special														
SM73818		SM73818E	SM73818AE												
DR332		DR332-xxxE	DR332-xxxAE												
DR221		na	DR221-xxxAE												

Comment: * Units are lead free but not recommended for lead free solder methods