

# CBS Europe Srl

FORNITORE di COMPONENTI ELETTRONICI



WE PROVIDE SOLUTIONS THROUGH INNOVATION



**Focused** on passive & interconnection components



**Face-to-Face** Customer Manufacturer

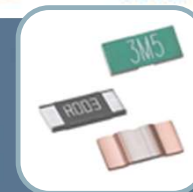


E-Commerce **B2B**

La VIKING TECH viene fondata nel 1997 a Taiwan e si pone subito l'obiettivo di diventare un leader nello sviluppo e produzione di Resistori SMS Thin-Tick film così come Reti Resistive, Condensatori ed Induttori. Sensibili alla richiesta di un mercato alla continua ricerca di una miniaturizzazione dei componenti, la VIKING TECH ha dato vita ad un solido team di R&D con il compito di utilizzare al meglio la tecnologia a film sottile: tale sforzo ha permesso all'azienda di divenire un riferimento per la produzione di resistori di precisione, current sense ed induttori RF.

La raffinata capacità tecnica permette all'azienda la produzione di resistori a bassissima tolleranza (fino a 0.01%-5ppm). Un range di prodotti così esteso ha permesso alla Viking Tech di incrementare rapidamente il volume di affari a livello globale: tale crescita supportata da un forte piano di investimenti e acquisizioni (come quella della TMTECH avvenuta a Gennaio del 2009) fanno della Viking Tech un riferimento per la progettazione e produzione di componenti passivi in miniatura.

Gli Impianti di produzione situati a Taiwan hanno un elevato standard qualitativo, con certificati ISO9001 & ISO14001, Automotive IATF16949 e Medicale ISO13485.



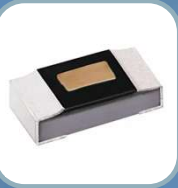
## PRODUCTS

- Automotive Grade Resistors
- Thick Film Resistors
- Thin Film Resistors
- Current Sensing Resistors
- Metal Low Ohm Resistors
- MELF Resistors
- Network / Array Resistors
- Functional Film Resistors
- Leaded Resistors
- Wire Wound Power Resistors
- Power Resistors

- RF Ceramic Inductors
- Ferrite Chip Inductors
- Miniature Power Inductors
- Power Choke Power Inductors
- SMD Metal Alloy Power Inductors
- Shielding Power Inductors
- Non-Shielding Power Inductors
- Wire Wound Power Inductors
- DIP Power Inductors
- EMI Bead
- Common Mode Filter
- Automotive Grade Inductors

- SMD Multilayer Chip Capacitors
- Conductive Polymer Aluminum Solid Electrolytic Capacitors
- SuperCapacitors

**Series AL** Thin Film Chip Inductors.



**Series MLH-G** Cheaper Multilayer Ferrite Chip Inductors.



**Series CM** Chip Common Mode Filters.



**Series CL-S** Multilayer Chip Inductors.



**Series CBM** Multilayer Chip Beads.



**Series CMC** Common Mode Filters.



**Series CL-SA** Multilayer Chip Inductors (AECQ-200 Compliance).



**Series CBM..A** Multilayer Chip Beads (AECQ-200 Compliance).



**Series PCM** Common Mode Filters.



**Series ML (H)** Multilayer Ferrite Chip Inductors.



**Series CBF** Multilayer Chip Beads.

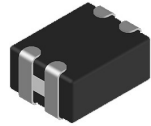


**Series CMX** Multilayer Chip Common Mode Filters.



**Series CMX..A**

Multilayer Chip Common Mode Filters (AECQ-200 Compliance).



**Series NL**

Wire Wound Chip Inductors (Ferrite).



**Series CFH..A**

Wire Wound Common Mode Filters (AECQ-200 Compliance).



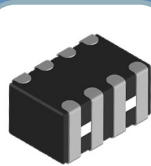
**Series NLD**

Wire Wound Chip Inductors (Metal).



**Series CMA**

Multilayer Array Chip Common Mode Filters.



**Series WL**

Wire Wound Chip Inductors.



**Series VLH** Miniature Power Inductors.



**Series SMP** Miniature Power Inductors.



**Series PS** Shielded Power Inductors.



**Series SDIA** Miniature Power Inductors.



**Series MLP(H)** Miniature Power Inductors.



**Series PCS** Shielded Power Inductors.



**Series SDIA-G** Miniature Power Inductors.



**Series PD** Non - Shielded Power Inductors.



**Series PCDR** Shielded Power Inductors.



**Series SDIM** Miniature Power Inductors.



**Series PCD** Non - Shielded Power Inductors.



**Series PSDB** Shielded Power Inductors.



**Series SCDA** Shielded Power Inductors.



**Series SDA..A** Shielded Power Inductors (AECQ-200 Compliance).



**Series DRGH** Dip Power Choke.



**Series SCDS** Shielded Power Inductors.



**Series SDB** Shielded Power Inductors.



**Series DRGR** Dip Power Choke.



**Series SDRH** Shielded Power Inductors.



**Series SDN** Shielded Power Inductors.



**Series SDA** Shielded Power Inductors.



**Series SDE..A** Shielded Power Inductors (AECQ-200 Compliance).



**Series CL-S** Multilayer Chip Inductors.



VIKING	MURATA	TAIYO YUDEN	TDK	CHILISIN	SUNLORD	INPAQ	
CL01Q-S	-	HK0603	MLG0603S	BSCH_060303	SDCL0603Q_02	MCI0603HQ	
CL01-SM02 CL01Q-SS	LQP03TN	HKQ0603W	MLG0603P	BSCQ_060303	SDCL0603Q_B03	MCI0603TN	
CL02-S	LQG15HS	HK1005	MLG1005S	BSCH00100505	SDCL1005C	MCI1005HQ	
CL03-S	LQG18HN	HK1608		BSCH00160808	SDCL1608C	MCI1608HQ	
CL02Q-S/CL02F-S	-	-	-	-	HQ1005/SDHL1005	-	
CL03F-S	-	-	-	-	SDHL1608	-	
CL02-SA CL02-GA	LQG15HH_02	HK1005	MLG1005S	ASCH100505	ASDCL1005D	MCI1005HZ	Automotive grade
CL03-SA CL03-GA	LQG18HH_00	-	-	ASCH160808	ASDCL1608D	MCI1608HZ	Automotive grade
CL01Q-SA	LQP03TN_Z2	HK0603	MLG0603S	ASCQ060303	ASDCL0603Q	MCI0603NZ	Automotive grade

**Series ML (H)**

Multilayer Ferrite Chip Inductors.



VIKING	MURATA	TAIYO YUDEN	TDK	CHILISIN	SUNLORD	MAX ECHO	TAI - TACH
ML MLH-G MLH	LQM	LK	MLF MLZ	CL	MCL MPH	EBLS PCLS	FCI



**Series CBM** Multilayer Chip Beads.



VIKING	MURATA	TAIYO YUDEN	TDK	CHILISIN	SUNLORD	INPAQ	MAX ECHO	TAI - TACH
CB CBF CBM	BLM-A/B_N	BK-HS/HM	MMZ-S/Y	BBSJ BBSY BBBK	GZ-D	MCB-S/H	EBMS	FCM-KF/CF
	BLM-P/K/S_N	BKP FBM	MPZ-S	BBGK BBPY	PZ-D UPZ-D	MHC-S/P	ACMS BCMS	HCB-KF HFZ-PF
CBM..A	BLM_Z	BKP_V	MMZ_D25	ABSJ ABSY ABBK		MCB-Z/H	EBMS	FCM_V

**Series CM**

Chip Common Mode Filters.



**Series CMC**

Common Mode Filters.



**Series PCM**

Common Mode Filters.



VIKING	MURATA	VISHAY	TDK	CHILISIN	WURTH	COILCRAFT	TAI - TACH
CMH05	DLW21S	ICM-0805	ACM2012	BMCU_201212	744231	0805USB	WCM2012
CMH06	DLW31S	ICM-1206	ACM3216	BMCU_321619	744232	1206USB	WCM3216
CMC0502	DLW5AT/BT	-	-	BPPM00485023	-	-	WCM5025F2S
PCM7060	-	-	ACM7060	BPPM00070638	-	-	WCM7060FAS
PCM9070	1259CM-0001	IHCM-2321AA	ACM9070	BPPM00090748	744273501	-	WCM9070

**Series CMX**

Multilayer Chip Common Mode Filters.



VIKING	MURATA	TDK	PANASONIC	INPAQ
CMX04B	DLM11SN	MCZ1210AH	EXC24CE	MCM1012
CMX05B	DLW21SN	-	EXC34CE	MCM2012
CMX04G	DLM11SA	MCZ1210DH	EXC24CH	HCM1012GD
CMX05G	DLW21HN	-	EXC34CG	HCM2012GD
CMX04W-A	DLM11SN_HZ2	MCZ1210AH	-	MCM1012W
CMX05W-A	DLW21SH	-	-	MCM2012W

**Series CFH..A**

Wire Wound Common Mode Filters (AECQ-200 Compliance).



VIKING	MURATA	TAI - TACH	TDK
CFH10-A	DLW32SH	ACM3225F2DV	ACT1210
CFH12-A	DLW43SH	ACM4532F2NV	ACT45B/ACT45S

**Series WL**

Wire Wound Chip Inductors.



VIKING	MURATA	PDC	TDK	CHILISIN	SUNLORD	COILCRAFT	TAI - TACH
WL02 WL02-G	LQW15AN_00	0402CP	-	BWCS00120707	SDWL1005C	0402CS	SWI0402
WL03 WL03-G	LQW18AN_00	FEC0603CP	-	BWCS00161008	SDWL1608C	0603CS	SWI0603
WL05 WL05-G	LQW2BA	FEC0805CP	B82498F SIMID 0805-F	BWCS00231715	SDWL2012C	0805CS	SWI0805U
WL08 WL08-G	LQW2UA	FEC1008CP	-	BWCS00292821	SDWL2520C	1008CS	SWI1008U
WL10-G	-	1210C	-	-	SDWL3225C	-	-
WL02H	-	0603HQ	-	BWHP00110706	MWSD1005CP	0402HP	-
WL03H	LQW18AS_00		-	BWHC00181210	MWSD1608C	0603HC	-
WL03Q	-	0603HQ	-	BWHP00161008	MWSD1608C	0603HP	-
WL05H	-	0805HQ	-	BWHQ00231816	SDWL2012CP	0805HQ	-
WL08H	-	1008HQ	-	BWHQ00302821	-	1008HQ	-
WL02-GA	LQW15AN_0Z	-	-	AWCS00120707	-	0402CS	-
WL03-GA	LQW18AN_0Z	-	-	AWCS00161008	-	0603CS	SWI0603V
WL05-GA	-	-	B82498F3 SIMID 0805-F3	AWCS00231715	-	0805CS	SWI0805UV

**Series NL**

 Wire Wound Chip Inductors  
(Ferrite).


VIKING	MURATA	PDC	TDK	CHILISIN	SUNLORD	COILCRAFT	TAI - TACH
NL02	LQW15CN_00	-	-	BWLS00100606	MWSD1005F	0402AF	-
NL03/NL03C NL03-G	LQW18CN	-	-	BWLS00161109	MWSD1608FE	0603AF	SWF1608C
NL05/NL05C NL05-G	LQW21H	0805F	-	BWLS00241715	SDWL2012F	0805AF	SWF2012CF/SF
NL08/NL08C NL08-G	-	1008F	-	BWLS00302522	SDWL2520F	1008AF	SWF2520CF/SF
NL10/NL10C NL10/NL10C-M	-	-	NLCV32-EF	-	-	-	-
NL12/NL12C NL12/NL12C-M	-	-	B82432 SIMID 1812	-	-	-	-
NL20/NL20C	-	-	B82442 SIMID 2220	-	-	-	-



**Series SDIM**

Miniature Power Inductors.



VIKING	TAIYO YUDEN	TDK	SUNLORD	TAI - TACH
SDIM0210	LSEUC2016HK OLD MEKK2016T	VLS201610HBX	WPN201610U	AHP201610FA
SDIM02510	LENC2520KK OLD MEKK2520T	VLS252010HBX	WPN252010H	AHP252010FA
SDIM02512	LSAPB2520MK OLD MAMK2520	VLS252012HBX	WPN252012H	AHP252012FA
SDIM0310	LSDND3030K OLD MDKK3030T	-	WPN3010H	AHP3010HF
SDIM0312	LSDND3030MK OLD MDMK3030T	VLS3012HBX	WPN3012H	AHP3012HF
SDIM0410	LSDND4040JET OLD MDJE4040T	-	WPN4010H	AHP4010HF
SDIM0412	LSDND4040MK OLD MDMK4040T	VLS4012HBX	WPN4012H	AHP4012HF



**Series MLP(H)** Miniature Power Inductors.



VIKING	MURATA / TOKO	TAIYO YUDEN	TDK	CHILISIN	SUNLOAD	CYNTEC	INPAQ
MLP05	-	LBCF2012KK OLD MCKK2012T	-	-	-	HTQL20120H	WIP201210V
MLP03	DFE21CCN	LSCNE2012HK OLD MCHK2012T	TFM201208BLD	BDHHDG201208	MWTC201208	HTQP20120H /HTEP20120H	WIP201208Y
MLP06	DFE2016C/P/R	LSAPB2016KK OLD MAKK2016	TFM201610GHM	BDCD00201610	MWTC201610S	PIFE/PCSB2016	WIP201610P
MLPH06	DFE2016E	LSENC2016KK OLD MEKK2016	TFM201610ALM	HEI2016	MWTC201610C	HMLQ20161T	WIP201610S
MLP04	DFE2520C/P/R	LSAPB2520KK OLD MAKK2520	-	BDCD00252010	MWTC252010S	PIFE/PCSB2520	WIP252010P
MLPH04	DFE2520F	LSENC2520KK OLD MEKK2520	-	HEI2520	MWTC252010C	HMLQ25201T	WIP252010S
MLP08	DFE2520C/P/R	LSAPB2520MK OLD MAMK2520	TFM2520GHM	BDCD00252012	WTX252012T	PIFE/PCSB2520	WIP252012P
MLPH08	DFE2520F	LBENA2520MK OLD MEMK2520T	TMS252012ALM	HEI2520	MWTC252012C	HMLQ25201B	WIP252012S
MLP10	DFE322512F	LBCF2012KK OLD MCKK2012T	TMS322512ALM	BDAA003225	WTXE322512T	HMLQ32251B	-

**Series PD**

Non - Shielded Power Inductors.



**Series PCD**

Non - Shielded Power Inductors.



VIKING	MURATA / TOKO	SUMIDA	TDK	CHILISIN	WURTH	BOUNRS	COILCRAFT
PD	-	-	B82476A/B82479A	BPSL	74455 74456 74458	SDR0703/1005	DO
PCD PCD-G	23-C/24-C/26-C	CD	B8246xA	BPSD	744773 744774 744775 744776	SDR	SD

**Series PS** Shielded Power Inductors.



**Series PCS** Shielded Power Inductors.



**Series PCDR** Shielded Power Inductors.



**Series PSDB** Shielded Power Inductors.



**Series SCDS** Shielded Power Inductors.



**Series SDRH** Shielded Power Inductors.



VIKING	MURATA/TOKO	TAIYO YUDEN	TDK	CHILISIN	WURTH	COILCRAFT	SUMIDA	SUNLORD	BOURNS
PS	-	-	B82479G	BPSY	74451 74454 74459	-	CDRR	-	SRR6603/1005
PCS PCS-G	DS-C2(#B-AS)	LSRN(舊NSS)	B8247G	BPSC BPCI	744778 744777 744771 7447709	MSS	CDRH-B	SWRH-B	SRR0603-1208
PCDR	-	LSRN(舊NS)	SLF	BPSF	-	MSS	CDRR	-	SRR7032/7045
PSDB	DS-C2(#B-AS)	LSXBH	-	BPSC BPRR	744771x	MSS	CDRH-R	SWRH-C	SRU1028/1038
SCDS	29-C	-	VLCF	BPSC BPDR	744031 74404x 74405x 744062	MSS	CDRH-D/HP	SWRH-DS	SRR30-60
SDRH	DEM(12-AS)	-	-	BPSC BPDR	-	-	CDRH-D	SWRH-DC	SRU80

**Series SDA** Shielded Power Inductors.



**Series SDB** Shielded Power Inductors.



**Series SDN** Shielded Power Inductors.



VIKING	TDK	VISHAY	COILCRAFT	CHILISIN	WURTH	SUNLORD	BOURNS	PDC	CYNTEC	TAI - TACH
SDB	SPM	IHLM_CZ	-	BMCA	744373*	-	SRP_A/TA	MCS	CMLS	TMPC
SDN	SPM	IHLP	-	BMRA/BMRB	-	MWSA-S	SRP_AA	MCS	CMLB	TMPA
SDA	-	-	XAL/XFL	-	744383* / 744393*	-	SRP_FA	-	-	TMPF
SDE..A	SPM-HZ	IHLP-A/IHLM-A	-	AMRU	-	AMP	SRP_A/TA	-	VCMV	TMPC..V
SDA..A	-	-	XAL/XFL	-	784383*	-	SRP_FA	-	-	TMPF..V

**Series DRGH** Dip Power Choke.



**Series DRGR** Dip Power Choke.



VIKING	SUMIDA	WURTH	COILCRAFT	BOURNS
DRGH664	RCH664NP	744779	-	-
DRGH855	RCH855NP	744741	-	RL855
DRGH875	RCH875NP	7447721	RFB0807	RL875
DRGH895	RCH895NP	7447720	RFC0810	RL895
DRGH110	RCH110NP	-	-	RL110
DRGR664	RCR664DNP	-	-	-
DRGR875	RCR875DNP	744731	-	-
DRGR110	RCR1010	-	-	-



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