



solutions catalogue

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THE BROADLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

2013
2014





SAMWHA Capacitor Group with a history dating from 1956/South Korea, produces a wide range of high quality passive components, like power capacitors, MLCCs, EMI filters, chip inductors, varistors and ultra high voltage MLCCs.

SAMWHA Capacitor Group byla založena v roce 1956 v Jižní Koreji. Vyrábí širokou škálu vysoko kvalitních pasivních součástek, výkonové kondenzátory, čipové kondenzátory (MLCCs), EMI filtry, čipové induktory, varistoru a ultra vysokonapěťové MLCCs.

SAMWHA Capacitor Group wurde 1956 in Südkorea gegründet. Das Unternehmen produziert eine breite Palette an qualitativ hochwertigen passiven Bauelementen, Leistungskondensatoren, Chipkondensatoren (MLCCs), EMI-Filters, Chipinduktionen, Varistoren und Ultra-Hochspannungs-MLCCs.

A SAMWHA Capacitor Group-ot 1956-ban alapították Dél-Koreában. Jó minőségű passzív alkatrészek, nagy teljesítményű kondenzátorok, chip kondenzátorok (MLCCs), EMI szűrők, chipes induktork, varistorok és ultra magasfeszültségű MLCC-k széles skáláját gyártja.

SAMWHA Capacitor Group została założona w roku 1956 w Korei Południowej. Produkuje szeroką gamę wysokiej jakości elementów pasywnych, kondensatory mocy, kondensatory chipowe (MLCCs), filtry EMI, cewki chipowe, warystory i MLCCs ultra wysokonapięciowe.

SAMWHA Capacitor Group, cu o istorie datând din 1956/Corea de Sud, produce o gamă largă de componente passive de înaltă calitate, cum ar fi condensatoarele de putere, MLCCs, filtre EMI, inductoare chip, varistoare și MLCCs de tensiune ultra înaltă.

SAMWHA Capacitor Group bola založená v roku 1956 v Južnej Kórei. Vyrábí širokú škálu vysoko kvalitných pasívnych súčastok, výkonové kondenzátory, čipové kondenzátory (MLCCs), EMI filtre, čipové induktory, varistoru a ultra vysokonapäťové MLCCs.

Samwha is the innovative company, initially pioneering electronic industry in South Korea and gradually expanding all over the world. Samwha components gained a very good reputation in terms of quality, reliability as well as excellent price/performance ratio. In our offer of Samwha components, you can find mainly various types of aluminium electrolytic capacitors in THT and SMT versions.

Why SAMWHA?



- over 55 years of experience
- wide portfolio of high quality components
- excellent price / performance ratio

Did You Know?



Samwha Capacitor Group was more times awarded by the South Korea President and government for the contribution to national industrial development and export.

Surface Mount Aluminum Electrolytic Capacitors



SMD(V-chip type) Electrolytic Capacitors are designed for surface mounting on high density PCB(Printed Circuit Board). SMD capacitors being essential elements in miniaturization of electronic products, the getting-smaller trend is to deepen.

Series	Features	Temp. Range (°C)	Vol. Range (VDC)	Cap. Range (μF)	Load Life (hours)
SC	Standard	-40~85	4~450	0.1~2200	2000
RC	Standard, wide temp.	-55~105	6.3~50	0.1~1000	1000
NC	5.5mmL chip, non-polarized	-40~85	6.3~50	0.1~47	2000
UC	Chip type, high temp. for 125°C use	-40~125	10~50	10~1000	2000
CB	Chip type, long life	-55~105	4~50	0.1~100	5000
JC	Chip type, wide temp. high CV	-55(-40)~105	4~450	3.3~4700	2000
JH	Chip type, high ripple	-55~105	6.3~100	10~2200	2000
ZC	5.5mmL chip type, Low impedance	-55~105	6.3~35	1.0~100	1000
CK	Chip type, Low impedance, high CV	-40~105	6.3~100	10~1500	2000
CD	Chip type, extremely low impedance	-40~105	6.3~50	10~1500	2000
CM	Chip type, extremely low impedance, Long life	-55~105	6.3~50	10~1000	3000~5000
CN	5.5mmL chip type, wide temp. non-polarized	-55~105	6.3~50	0.1~47	1000
CA	Chip type, high CV, long life	-55~105	6.3~50	10~1000	5000
JL	Chip type, high reliability	-40~105	10~50	33~470	10000
CF	Chip type, high temp. for 130°C use	-40~130	10~50	22~1000	5000
CT	Chip type, high temp. for 130°C use, low impedance	-40~130	10~50	33~470	2000
CW	Chip type, high reliability	-40~150	10~50	33~1000	1000

