



HISTORY

Milestones of
Walsin Technology Corporation

- 1992** ◆ Incorporation of Walsin Tech
- 1997** ◆ Listed on TAsDAQ
- 2000** ◆ Asian's Best Buy by Asia Weekly
- 2001** ◆ Strategic Alliances (in Europe, Korea and Japan)
- ◆ Listed on TSE - 2492.TW
- ◆ Mass Production China (DL) Plant
- ◆ Acquisition Nitsuko Electronics
- ◆ MLCC Taiwan #1, World # 6
- 2002** ◆ Phase I Global IT and Logistics Ready
- ◆ ISO 14000 & QS 9000 Ready
- ◆ China (SZ) Plant Ground Breaking
- ◆ Sony Green Partner
- ◆ 22 Patents (19 in HF and 3 in Materials)
- ◆ Zero Coupon ECB Issue (I)
- 2003** ◆ Acquired POE (2370.TW) 22.5% stake
- ◆ MLCC World # 4
- ◆ Mass Production China (SZ) Plant
- ◆ Acquired EDEN (6157.TW) 30% stake
- ◆ Strategic Alliance — Vishay Group
- ◆ Zero Coupon ECB Issue (II)
- ◆ 43 Patents (5 in Materials)
- 2004** ◆ Mass Production China (DL) Plant Full Process
MLCC and Chip R Expansion.
- ◆ PSA NPA&S held on April.
- ◆ Syndication Loan 30MUSD.
- ◆ 50 Patents

PSA PASSIVE SYSTEM ALLIANCE



Walsin Technology Corporation

HEADQUARTER

Taiwan-Yang-Mei

Walsin Technology Corporation
566-1, Kao-Shi Road, Yang-Mei, Tao-Yuan, Taiwan
Tel: 886-3-475-8711 • Fax: 886-3-475-7129, 475-7130
E-mail: info@passivecomponent.com

OVERSEAS OFFICES

China/Dongguan:

Tel: +86-769-311-5168
E-mail: kcchen@passivecomponent.com

China/Suzhou:

Tel: +86-512-6283-6888
E-mail: lewisliang@passivecomponent.com

Japan:

Tel: +81-44-820-1570
E-mail: yaginoma@nitsuko-ele.co.jp

Malaysia/KL:

Tel: +60-3-7877-8766
E-mail: info@ewalsin.com

Malaysia/Penang:

Tel: +60-4-646-5767
E-mail: info@ewalsin.com

Singapore:

Tel: +65-6794-3600
E-mail: charleschu@passivecomponent.com

United States:

Tel: +1-408-263-1998
E-mail: dragon@walsin-usa.com

PSA ISO 9001, QS 9000, ISO 14000
PASSIVE SYSTEM ALLIANCE
WALSIN (11/06/2003/03/03)



Walsin Technology Corporation



Multilayer Ceramic
Capacitors



Multilayer Ceramic Capacitors (MLCC) Product Portfolios

General Application		Miniaturization Application			Safety Concern & Power Management Application			High Frequency Application		
General Purpose Caps	High Capacitance Caps	Ultra-Small Size Caps	Capacitor Arrays	Low Profile Caps	Middle & High Voltage Caps	Safety Certificated Caps	Open-Mode Design Caps	High Q / Low ESR Caps	Microwave Caps	Low Inductance Caps
<p>Dielectric: NP0, X7R, Y5V</p> <p>Size: 0402, 0603, 0805, 1206, 1210, 1812</p> <p>Rated voltage: 16V, 25V, 50V, 100V</p> <p>Capacitance: 0.5pF to 1uF</p>	<p>Dielectric: X7R, X5R, Y5V</p> <p>Size: 0402, 0603, 0805, 1206, 1210, 1812</p> <p>Rated voltage: 6.3V, 10V, 16V, 25V, 50V</p> <p>Capacitance: 1uF to 100uF</p>	<p>Dielectric: NP0, X7R, X5R, Y5V</p> <p>Size: 0201</p> <p>Rated voltage: 6.3V, 10V, 16V, 25V</p> <p>Capacitance: 0.5pF to 0.1uF</p>	<p>Dielectric: NP0, X7R, Y5V</p> <p>Size: 0603x4</p> <p>Rated voltage: 16V, 25V, 50V</p> <p>Capacitance: 10pF to 0.1uF</p>	<p>Dielectric: X5R, Y5V</p> <p>Size: 0805, 1206, 1210</p> <p>Rated voltage: 6.3V, 10V, 16V</p> <p>Capacitance: 1uF to 22uF</p>	<p>Dielectric: NP0, X7R, Y5V</p> <p>Size: 0805, 1206, 1210, 1812</p> <p>Rated voltage: 200V, 250V, 500V, 630V, 1kV, 1.5kV, 2kV, 3kV</p> <p>Capacitance: 0.5pF to 0.22uF</p>	<p>Dielectric: NP0, X7R</p> <p>Size: 1206, 1808, 1812</p> <p>Rated voltage: 130Vac, 250Vac</p> <p>Capacitance: 10pF to 4700pF</p> <p>Certification: TÜV, UL</p> <p>Safety class: X1/Y2, X2/Y3</p>	<p>Dielectric: X7R</p> <p>Size: 0805, 1206, 1210, 1812</p> <p>Rated voltage: 100V, 200V, 250V, 500V</p> <p>Capacitance: 100pF to 0.22uF</p>	<p>Dielectric: NP0</p> <p>Size: 0402, 0603</p> <p>Rated voltage: 16V, 25V, 50V, 100V</p> <p>Capacitance: 0.5pF to 3300pF</p>	<p>Dielectric: NP0</p> <p>Size: 0402, 0603</p> <p>Rated voltage: 50V</p> <p>Capacitance: 0.1pF to 22pF</p>	<p>Dielectric: X7R</p> <p>Size: 0612</p> <p>Rated voltage: 50V</p> <p>Capacitance: 0.01uF to 0.15uF</p>

How To Order

	0805			B	104	K	500	C	T
<p>General Purpose Caps</p> <p>High Capacitance Caps</p> <p>Ultra-small Caps</p> <p>Middle and High Voltage Caps</p> <p>Low Inductance Caps</p>	<p>Size</p> <p>Inch (mm) 0612=(1632) 1210=(3225)</p> <p>0201=(0603) 0805=(2012) 1808=(4520)</p> <p>0402=(1005) 1206=(3216) 1812=(4532)</p>			<p>Dielectric</p> <p>N=NP0 B=X7R X=X5R S=X6S F=Y5V</p>	<p>Capacitance</p> <p>Two significant digits followed by no. of zeros. And R is in place of decimal point.</p> <p>R47=0.47pF 0R5=0.5pF 1R0=1pF 100=10pF 101=100pF 102=1000pF 103=0.01uF 104=0.1uF 105=1uF 106=10uF 107=100uF</p>	<p>Tolerance</p> <p>A=±0.05pF B=±0.1pF C=±0.25pF D=±0.5pF F=±1% G=±2% J=±5% K=±10% M=±20% Z=-20 to +80%</p>	<p>Rated voltage</p> <p>Two significant digits followed by no. of zeros. And R is in place of decimal point.</p> <p>4R0=4 Vdc 6R3=6.3 Vdc 100=10 Vdc 160=16 Vdc 250=25 Vdc 500=50 Vdc 101=100 Vdc 201=200 Vdc 251=250 Vdc 501=500 Vdc 631=630 Vdc 102=1000 Vdc 152=1500 Vdc 202=2000 Vdc 302=3000 Vdc</p>	<p>Termination</p> <p>L=Ag/Ni/Sn C=Cu/Ni/Sn</p>	<p>Packaging</p> <p>B=Bulk C=Bulk cassette T=7" reeled Q=10" reeled G=13" reeled</p>
<p>Low Profile Caps</p> <p>Open-mode Design Caps</p> <p>High Q and Low ESR Caps</p> <p>Microwave Caps</p> <p>Safety Certificated Caps</p>	<p>OP</p> <p>Series</p> <p>TT=Low Profile OP=Open-mode Design HH=High Q/Low ESR MW=Microwave S2=X1/Y2 safety class S3=X2/Y3 safety class</p>		<p>21</p> <p>Size</p> <p>15=0402 18=0603 21=0805 31=1206 32=1210 42=1808 43=1812</p>						
<p>Capacitor Arrays</p>	<p>Y</p> <p>Type</p> <p>Y=Capacitor Array</p>	<p>4 C</p> <p>Cap. Nr.</p> <p>4C=4xCap</p>	<p>3</p> <p>Termination pitch</p> <p>3=0.03 inch</p>						