multicomp

SPC-F005.DWG

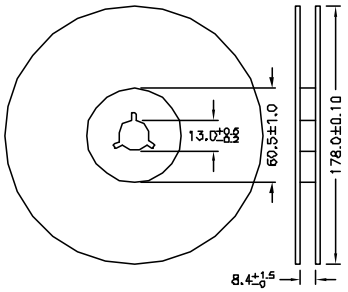
REVISIONS

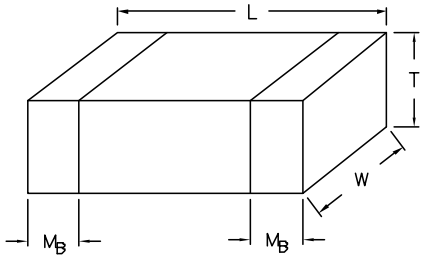
DOC. NO. SPC-F005 • Effective: 7/8/02 • DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
2032	A	Released	JN	03/05/09	JWM	03/05/09	JWM	03/05/09

RoHS Compliant

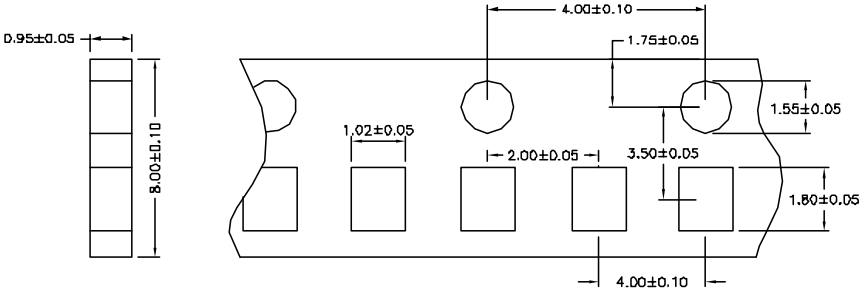
Tape & Reel Dimension

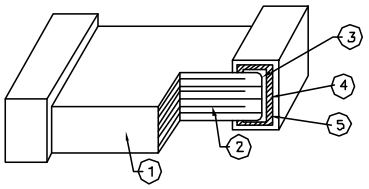




Capacitor Dimension			
L (mm)	W (mm)	T (mm)	M_B
1.60±0.10	**0.80±0.10**	0.80±0.07	0.40±0.15

NO.	Name		X7R/X5R/Y5V
1	Ceramic material		BaTiO3 based
2	Inner electrode		Ni
3	Termination	Inner layer	Cu
4		Middle layer	Ni
5		Outer layer	Sn (Matt)





DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	03/05/09
CHECKED BY:	DATE:
Jeff McVicker	03/05/09
APPROVED BY:	DATE:
Jeff McVicker	03/05/09

DRAWING TITLE:
High capacitance, Multilayer Ceramic Capacitors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1104	Ta-1104.dwg	A

SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 2

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603X824K6R3CT	TC		0.82 µF	± 10%	X5R	0603	6.3 VDC
MC0603X824K6R3CT	TR	4000	0.82 µF	± 10%	X5R	0603	6.3 VDC
MC0603X105K6R3CT	TC		1 µF	± 10%	X5R	0603	6.3 VDC
MC0603X105K6R3CT	TR	4000	1 µF	± 10%	X5R	0603	6.3 VDC
MC0603X105M6R3CT	TC		1 µF	± 20%	X5R	0603	6.3 VDC
MC0603X106M6R3CT	TC		10 µF	± 20%	X5R	0603	6.3 VDC
MC0603X106M6R3CT	TR	4000	10 µF	± 20%	X5R	0603	6.3 VDC
MC0603X225K6R3CT	TC		2.2 µF	± 10%	X5R	0603	6.3 VDC
MC0603X225K6R3CT	TR	4000	2.2 µF	± 10%	X5R	0603	6.3 VDC
MC0603X225M6R3CT	TC		2.2 µF	± 20%	X5R	0603	6.3 VDC
MC0603X225M6R3CT	TR	4000	2.2 µF	± 20%	X5R	0603	6.3 VDC
MC0603X334K100CT	TC		0.33 µF	± 10%	X5R	0603	10 VDC
MC0603X334K100CT	TR	4000	0.33 µF	± 10%	X5R	0603	10 VDC
MC0603X334M100CT	TC		0.33 µF	± 20%	X5R	0603	10 VDC
MC0603X474K100CT	TR	4000	0.47 µF	± 10%	X5R	0603	10 VDC
MC0603X474K100CT	TC		0.47 µF	± 10%	X5R	0603	10 VDC
MC0603X474M100CT	TC		0.47 µF	± 20%	X5R	0603	10 VDC
MC0603X684K100CT	TC		0.68 µF	± 10%	X5R	0603	10 VDC
MC0603X684K100CT	TR	4000	0.68 µF	± 10%	X5R	0603	10 VDC
MC0603X684M100CT	TC		0.68 µF	± 20%	X5R	0603	10 VDC
MC0603F105Z100CT	TC		1 µF	+80, -20%	Y5V	0603	10 VDC
MC0603F105Z100CT	TR	4000	1 µF	+80, -20%	Y5V	0603	10 VDC
MC0603X105K100CT	TR	4000	1 µF	± 10%	X5R	0603	10 VDC
MC0603X105K100CT	TC		1 µF	± 10%	X5R	0603	10 VDC
MC0603X105M100CT	TC		1 µF	± 20%	X5R	0603	10 VDC
MC0603F225Z100CT	TC		2.2 µF	+80, -20%	Y5V	0603	10 VDC
MC0603F225Z100CT	TR	4000	2.2 µF	+80, -20%	Y5V	0603	10 VDC
MC0603X225M100CT	TC		2.2 µF	± 20%	X5R	0603	10 VDC
MC0603X225M100CT	TR	4000	2.2 µF	± 20%	X5R	0603	10 VDC
MC0603X224K160CT	TC		0.22 µF	± 10%	X5R	0603	16 VDC
MC0603X224M160CT	TC		0.22 µF	± 20%	X5R	0603	16 VDC
MC0603X334K160CT	TC		0.33 µF	± 10%	X5R	0603	16 VDC
MC0603X334M160CT	TC		0.33 µF	± 20%	X5R	0603	16 VDC
MC0603X474K160CT	TC		0.47 µF	± 10%	X5R	0603	16 VDC
MC0603X474M160CT	TC		0.47 µF	± 20%	X5R	0603	16 VDC
MC0603X684K160CT	TC		0.68 µF	± 10%	X5R	0603	16 VDC
MC0603X684M160CT	TC		0.68 µF	± 20%	X5R	0603	16 VDC
MC0603F105Z160CT	TC		1 µF	+80, -20%	Y5V	0603	16 VDC
MC0603F105Z160CT	TR	4000	1 µF	+80, -20%	Y5V	0603	16 VDC
MC0603X105K160CT	TC		1 µF	± 10%	X5R	0603	16 VDC
MC0603X105K160CT	TR	4000	1 µF	± 10%	X5R	0603	16 VDC
MC0603X105M160CT	TC		1 µF	± 20%	X5R	0603	16 VDC
MC0603X105M160CT	TR	4000	1 µF	± 20%	X5R	0603	16 VDC
MC0603X105K250CT	TC		1 µF	± 10%	X5R	0603	25 VDC
MC0603X105K250CT	TR	4000	1 µF	± 10%	X5R	0603	25 VDC
MC0603X105M250CT	TC		1 µF	± 20%	X5R	0603	25 VDC

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