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SPC-F005.DWG

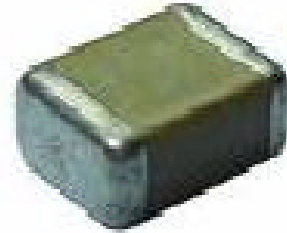
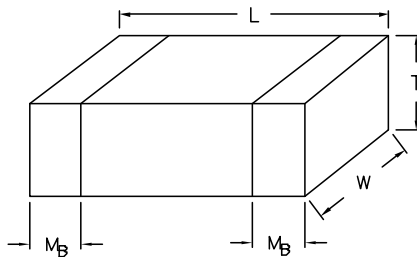
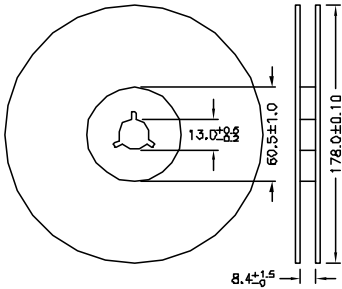
REVISIONS

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1308

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

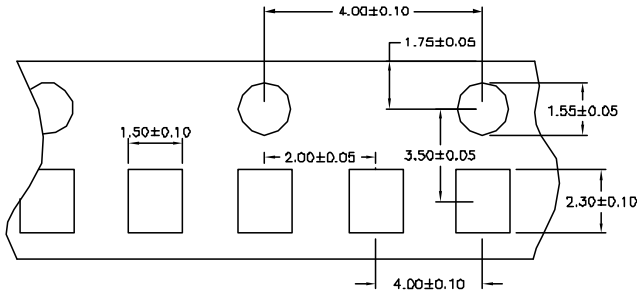
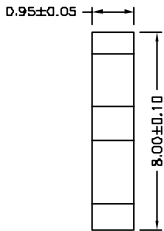


Tape & Reel Dimension

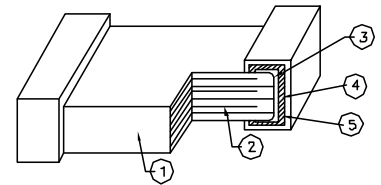


Capacitor Dimension

L (mm)	W (mm)	T (mm)	M <sub>B</sub>
2.00±0.15	1.25±0.10	0.80±0.10	0.50±0.20



NO.	Name	NPO/X7R	X7R/X5R/YSV
1	Ceramic material	BaTiO3 based	
2	Inner electrode	AgPd alloy	Ni
3	Inner layer	Ag	Cu
4	Termination	Middle layer	
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 Voltage, Multilayer Ceramic Capacitors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1109	Ta-1109.dwg	A
SCALE:	NTS	U.Q.M.: INCHES [mm]	SHEET: 1 OF 3

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805B103K201CT	TC		0.01 µF	± 10%	X7R	0805	200 VDC
MC0805B103K201CT	TR	4000	0.01 µF	± 10%	X7R	0805	200 VDC
MC0805B103M201CT	TC		0.01 µF	± 20%	X7R	0805	200 VDC
MC0805N101J201CT	TC		100 pF	± 5%	NP0	0805	200 VDC
MC0805N101J201CT	TR	4000	100 pF	± 5%	NP0	0805	200 VDC
MC0805N101K201CT	TC		100 pF	± 10%	NP0	0805	200 VDC
MC0805B102K201CT	TC		1000 pF	± 10%	X7R	0805	200 VDC
MC0805B102K201CT	TR	4000	1000 pF	± 10%	X7R	0805	200 VDC
MC0805B102M201CT	TC		1000 pF	± 20%	X7R	0805	200 VDC
MC0805N150J201CT	TC		15 pF	± 5%	NP0	0805	200 VDC
MC0805N150J201CT	TR	4000	15 pF	± 5%	NP0	0805	200 VDC
MC0805N150K201CT	TC		15 pF	± 10%	NP0	0805	200 VDC
MC0805N151J201CT	TC		150 pF	± 5%	NP0	0805	200 VDC
MC0805N151J201CT	TR	4000	150 pF	± 5%	NP0	0805	200 VDC
MC0805N151K201CT	TC		150 pF	± 10%	NP0	0805	200 VDC
MC0805B152K201CT	TC		1500 pF	± 10%	X7R	0805	200 VDC
MC0805B152K201CT	TR	4000	1500 pF	± 10%	X7R	0805	200 VDC
MC0805B152M201CT	TC		1500 pF	± 20%	X7R	0805	200 VDC
MC0805N220J201CT	TC		22 pF	± 5%	NP0	0805	200 VDC
MC0805N220J201CT	TR	4000	22 pF	± 5%	NP0	0805	200 VDC
MC0805N220K201CT	TC		22 pF	± 10%	NP0	0805	200 VDC
MC0805B221K201CT	TC		220 pF	± 10%	X7R	0805	200 VDC
MC0805B221K201CT	TR	4000	220 pF	± 10%	X7R	0805	200 VDC
MC0805B221M201CT	TC		220 pF	± 20%	X7R	0805	200 VDC
MC0805N221J201CT	TC		220 pF	± 5%	NP0	0805	200 VDC
MC0805N221J201CT	TR	4000	220 pF	± 5%	NP0	0805	200 VDC
MC0805N221K201CT	TC		220 pF	± 10%	NP0	0805	200 VDC
MC0805B222K201CT	TC		2200 pF	± 10%	X7R	0805	200 VDC
MC0805B222K201CT	TR	4000	2200 pF	± 10%	X7R	0805	200 VDC
MC0805B222M201CT	TC		2200 pF	± 20%	X7R	0805	200 VDC

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SIZE

DWG. NO.

ELECTRONIC FILE

REV

A

Ta-1109

Ta-1109.DWG

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SPC-F005.DWG

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1388

SCALE: NTS

U.Q.M.: Millimeters

SHEET: 2 OF 3

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805N330J201CT	TC		33 pF	± 5%	NP0	0805	200 VDC
MC0805N330J201CT	TR	4000	33 pF	± 5%	NP0	0805	200 VDC
MC0805N330K201CT	TC		33 pF	± 10%	NP0	0805	200 VDC
MC0805B331K201CT	TC		330 pF	± 10%	X7R	0805	200 VDC
MC0805B331K201CT	TR	4000	330 pF	± 10%	X7R	0805	200 VDC
MC0805B331M201CT	TC		330 pF	± 20%	X7R	0805	200 VDC
MC0805N331J201CT	TC		330 pF	± 5%	NP0	0805	200 VDC
MC0805N331J201CT	TR	4000	330 pF	± 5%	NP0	0805	200 VDC
MC0805N331K201CT	TC		330 pF	± 10%	NP0	0805	200 VDC
MC0805B332K201CT	TC		3300 pF	± 10%	X7R	0805	200 VDC
MC0805B332K201CT	TR	4000	3300 pF	± 10%	X7R	0805	200 VDC
MC0805B332M201CT	TC		3300 pF	± 20%	X7R	0805	200 VDC
MC0805N470J201CT	TC		47 pF	± 5%	NP0	0805	200 VDC
MC0805N470J201CT	TR	4000	47 pF	± 5%	NP0	0805	200 VDC
MC0805N470K201CT	TC		47 pF	± 10%	NP0	0805	200 VDC
MC0805B471K201CT	TC		470 pF	± 10%	X7R	0805	200 VDC
MC0805B471K201CT	TR	4000	470 pF	± 10%	X7R	0805	200 VDC
MC0805B471M201CT	TC		470 pF	± 20%	X7R	0805	200 VDC
MC0805B472K201CT	TC		4700 pF	± 10%	X7R	0805	200 VDC
MC0805B472K201CT	TR	4000	4700 pF	± 10%	X7R	0805	200 VDC
MC0805B472M201CT	TC		4700 pF	± 20%	X7R	0805	200 VDC
MC0805N680J201CT	TC		68 pF	± 5%	NP0	0805	200 VDC
MC0805N680J201CT	TR	4000	68 pF	± 5%	NP0	0805	200 VDC
MC0805N680K201CT	TC		68 pF	± 10%	NP0	0805	200 VDC
MC0805B681K201CT	TC		680 pF	± 10%	X7R	0805	200 VDC
MC0805B681K201CT	TR	4000	680 pF	± 10%	X7R	0805	200 VDC
MC0805B681M201CT	TC		680 pF	± 20%	X7R	0805	200 VDC
MC0805B682K201CT	TC		6800 pF	± 10%	X7R	0805	200 VDC
MC0805B682K201CT	TR	4000	6800 pF	± 10%	X7R	0805	200 VDC
MC0805B682M201CT	TC		6800 pF	± 20%	X7R	0805	200 VDC

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SIZE DWG. NO.

A Ta-1109

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DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1388

SCALE: NTS

U.Q.M.: Millimeters

SHEET: 3 OF 3