multicomp

SPC-F005.DWG

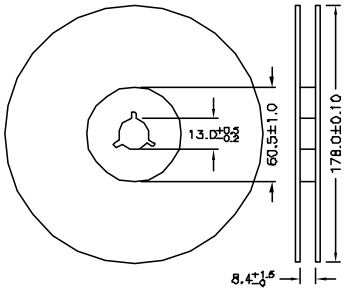
REVISIONS

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

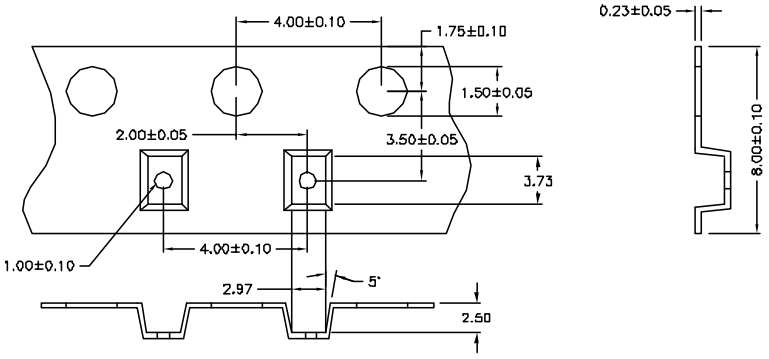
Tape & Reel Dimension

RoHS Compliant

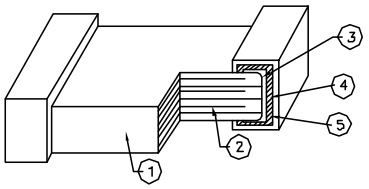


Capacitor Dimension		
L (mm)	W (mm)	M_B
3.20±0.30	**2.50±0.20**	0.75±0.25

Plastic Tape



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-1107	Ta-1107.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
MC1210X107M6R3CT	TC		100 µF	± 20%	X5R	1210	6.3 VDC
MC1210X107M6R3CT	TR	2000	100 µF	± 20%	X5R	1210	6.3 VDC
MC1210X226M6R3CT	TC		22 µF	± 20%	X5R	1210	6.3 VDC
MC1210X226M6R3CT	TR	2000	22 µF	± 20%	X5R	1210	6.3 VDC
MC1210X106K100CT	TC		10 µF	± 10%	X5R	1210	10 VDC
MC1210X106K100CT	TR	1000	10 µF	± 10%	X5R	1210	10 VDC
MC1210X106M100CT	TC		10 µF	± 20%	X5R	1210	10 VDC
MC1210X106M100CT	TR	1000	10 µF	± 20%	X5R	1210	10 VDC
MC1210F226Z100CT	TC		22 µF	+80, -20%	Y5V	1210	10 VDC
MC1210F226Z100CT	TR	1000	22 µF	+80, -20%	Y5V	1210	10 VDC
MC1210X226M100CT	TC		22 µF	± 20%	X5R	1210	10 VDC
MC1210X226M100CT	TR	2000	22 µF	± 20%	X5R	1210	10 VDC
MC1210X476M100CT	TC		47 µF	± 20%	X5R	1210	10 VDC
MC1210X476M100CT	TR	2000	47 µF	± 20%	X5R	1210	10 VDC
MC1210F106Z160CT	TC		10 µF	+80, -20%	Y5V	1210	16 VDC
MC1210F106Z160CT	TR	3000	10 µF	+80, -20%	Y5V	1210	16 VDC
MC1210X106K160CT	TC		10 µF	± 10%	X5R	1210	16 VDC
MC1210X106K160CT	TR	2000	10 µF	± 10%	X5R	1210	16 VDC
MC1210F226Z160CT	TC		22 µF	+80, -20%	Y5V	1210	16 VDC
MC1210F226Z160CT	TR	3000	22 µF	+80, -20%	Y5V	1210	16 VDC
MC1210X226M160CT	TC		22 µF	± 20%	X5R	1210	16 VDC
MC1210X226M160CT	TR	2000	22 µF	± 20%	X5R	1210	16 VDC
MC1210X475K160CT	TC		4.7 µF	± 10%	X5R	1210	16 VDC
MC1210X475K160CT	TR	2000	4.7 µF	± 10%	X5R	1210	16 VDC
MC1210F106Z250CT	TC		10 µF	+80, -20%	Y5V	1210	25 VDC
MC1210F106Z250CT	TR	3000	10 µF	+80, -20%	Y5V	1210	25 VDC
MC1210X106M250CT	TC		10 µF	± 20%	X5R	1210	25 VDC
MC1210X106M250CT	TR	2000	10 µF	± 20%	X5R	1210	25 VDC
MC1210X475K250CT	TC		4.7 µF	± 10%	X5R	1210	25 VDC
MC1210X475K250CT	TR	2000	4.7 µF	± 10%	X5R	1210	25 VDC
MC1210F475Z500CT	TC		4.7 µF	+80, -20%	Y5V	1210	50 VDC
MC1210F475Z500CT	TR	3000	4.7 µF	+80, -20%	Y5V	1210	50 VDC

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A	Ta-1107	Ta-1107.DWG	A