multicomp

SPC-FD05.DWG

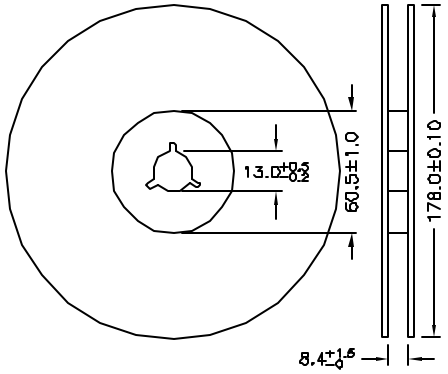
REVISIONS

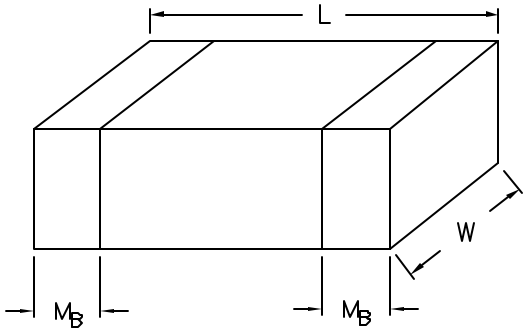
DOC. NO. SPC-FD05 * Effective: 7/8/02 * DCP No: 1398

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

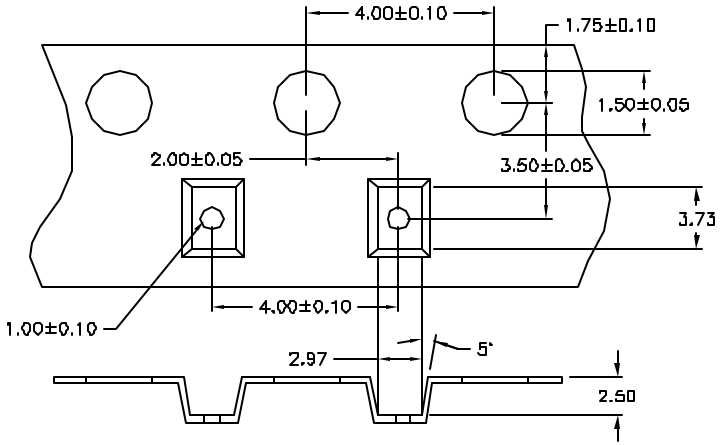
Tape & Reel Dimension

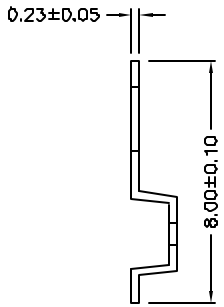




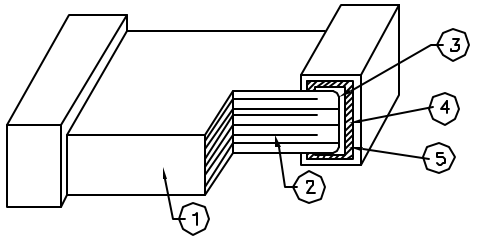
Capacitor Dimension		
L (mm)	W (mm)	M_B
3.20±0.30	**2.50±0.20**	0.75±0.25

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)



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