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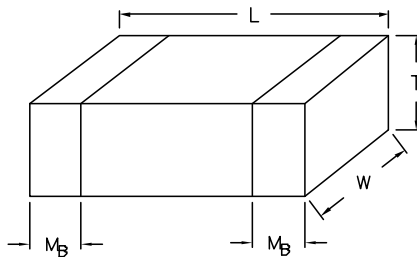
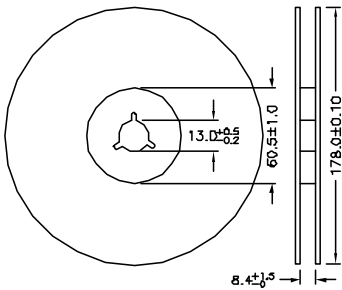
SPC-F005.DWG

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

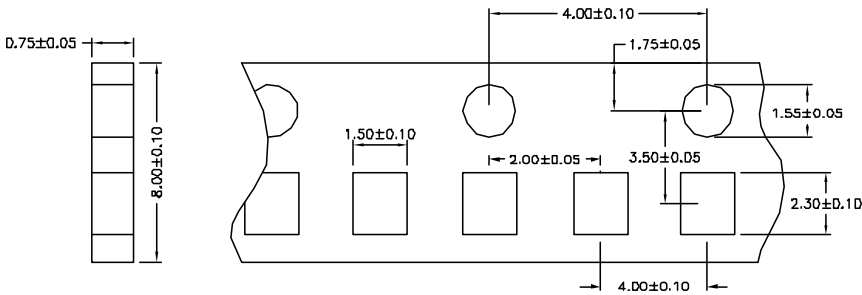
Tape & Reel Dimension



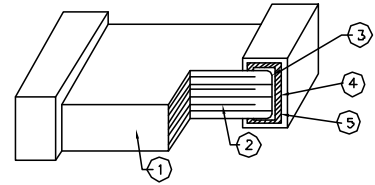
Capacitor Dimension

L (mm)	W (mm)	T (mm)	M _B
3.20±0.15	1.60±0.15	0.95±0.10	0.60±0.20

Plastic Tape



NO.	Name	NPO/X7R	X7R/X5R/YSV
1	Ceramic material	BaTiO3 based	
2	Inner electrode	AgPd alloy	Ni
3	Termination	Inner layer	Ag
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 Voltage, Multilayer Ceramic Capacitors			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1112	Ta-1112.dwg	A
SCALE: NTS	U.Q.M.: INCHES [mm]	SHEET: 1 OF 2	

Manufacturers part number	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Reel Quantity	Voltage Rating
MCTT31X106M6R3CT	10 µF	± 20%	X5R	1206		6.3 VDC
MCTT31X106M6R3CT	10 µF	± 20%	X5R	1206	4000	6.3 VDC
MCTT31F226Z100CT	22 µF	+80, -20%	Y5V	1206		10 VDC
MCTT31F226Z100CT	22 µF	+80, -20%	Y5V	1206	4000	10 VDC
MCTT31X225K100CT	2.2 µF	± 10%	X5R	1206		10 VDC
MCTT31X225K100CT	2.2 µF	± 10%	X5R	1206	4000	10 VDC
MCTT31X225M100CT	2.2 µF	± 20%	X5R	1206		10 VDC
MCTT31F106Z100CT	10 µF	+80, -20%	Y5V	1206		10 VDC
MCTT31F106Z100CT	10 µF	+80, -20%	Y5V	1206	4000	10 VDC
MCTT31F106Z160CT	10 µF	+80, -20%	Y5V	1206		16 VDC
MCTT31F106Z160CT	10 µF	+80, -20%	Y5V	1206	4000	16 VDC
MCTT31X106M160CT	10 µF	± 20%	X5R	1206		16 VDC
MCTT31X106M160CT	10 µF	± 20%	X5R	1206	4000	16 VDC

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SIZE

A

DWG. NO.

Ta-1112

ELECTRONIC FILE

Ta-1112.DWG

REV

A

SPC-F005.DWG

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

SCALE: NTS

U.O.M.: Millimeters

SHEET: 2 OF 2