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SPC-F008.DWG

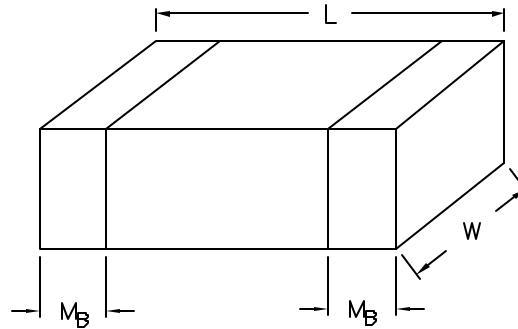
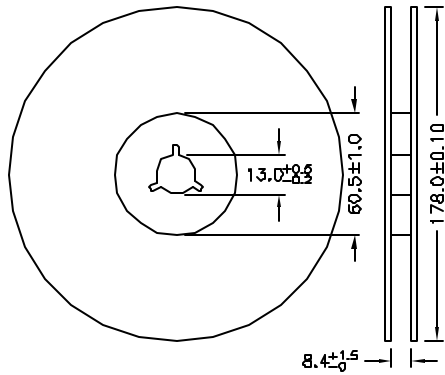
REVISIONS

DOC. NO. SPC-F008 * 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

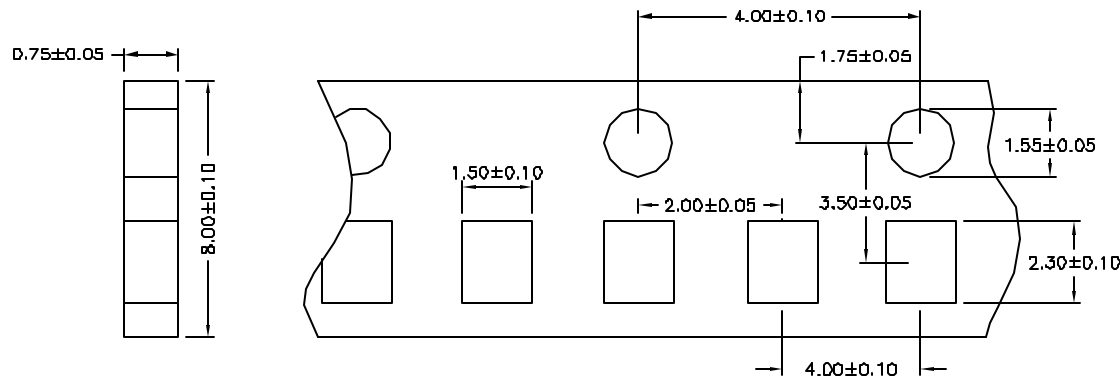
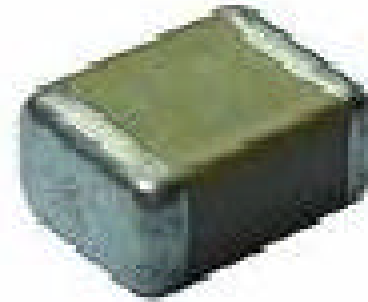


Tape & Reel Dimension

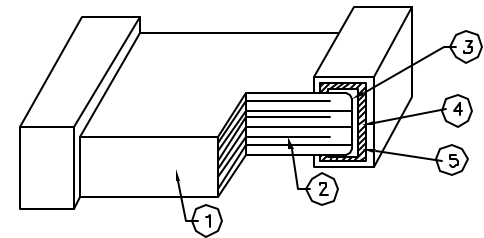


Capacitor Dimension

L (mm)	W (mm)	M _B
2.00±0.15	1.25±0.1	0.50±0.20



NO.	Name	NPO/X7R	X7R/X5R/Y5V
1	Ceramic material	BaTiO ₃ based	
2	Inner electrode	AgPd alloy	Ni
3	Termination	Inner layer	Ag
4		Middle layer	Ni
5		Outer layer	Sn (Matt)



DISCLAIMER:
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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:

Multilayer Ceramic Capacitors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1100	Ta-1100.dwg	A
SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 1 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805F106Z6R3CT	TC		10 µF	+80, -20%	Y5V	0805	6.3 VDC
MC0805F106Z6R3CT	TR	4000	10 µF	+80, -20%	Y5V	0805	6.3 VDC
MC0805B103K500CT	TC		0.01 µF	± 10%	X7R	0805	50 VDC
MC0805B103K500CT	TR	4000	0.01 µF	± 10%	X7R	0805	50 VDC
MC0805B103M500CT	TC		0.01 µF	± 20%	X7R	0805	50 VDC
MC0805B104K500CT	TC		0.01 µF	± 10%	X7R	0805	50 VDC
MC0805B104K500CT	TR	4000	0.01 µF	± 10%	X7R	0805	50 VDC
MC0805B104M500CT	TC		0.01 µF	± 20%	X7R	0805	50 VDC
MC0805F103Z500CT	TC		0.01 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F103Z500CT	TR	4000	0.01 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F104Z500CT	TC		0.01 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F104Z500CT	TR	4000	0.01 µF	+80, -20%	Y5V	0805	50 VDC
MC0805B123K500CT	TC		0.012 µF	± 10%	X7R	0805	50 VDC
MC0805B123K500CT	TR	4000	0.012 µF	± 10%	X7R	0805	50 VDC
MC0805B183K500CT	TC		0.018 µF	± 10%	X7R	0805	50 VDC
MC0805B183K500CT	TR	4000	0.018 µF	± 10%	X7R	0805	50 VDC
MC0805B223K500CT	TC		0.022 µF	± 10%	X7R	0805	50 VDC
MC0805B223K500CT	TR	4000	0.022 µF	± 10%	X7R	0805	50 VDC
MC0805B223M500CT	TC		0.022 µF	± 20%	X7R	0805	50 VDC
MC0805F223Z500CT	TC		0.022 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F223Z500CT	TR	4000	0.022 µF	+80, -20%	Y5V	0805	50 VDC
MC0805B273K500CT	TC		0.027 µF	± 10%	X7R	0805	50 VDC
MC0805B273K500CT	TR	4000	0.027 µF	± 10%	X7R	0805	50 VDC
MC0805B333K500CT	TC		0.033 µF	± 10%	X7R	0805	50 VDC
MC0805B333K500CT	TR	4000	0.033 µF	± 10%	X7R	0805	50 VDC
MC0805B333M500CT	TC		0.033 µF	± 20%	X7R	0805	50 VDC
MC0805F333Z500CT	TC		0.033 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F333Z500CT	TR	4000	0.033 µF	+80, -20%	Y5V	0805	50 VDC
MC0805B393K500CT	TC		0.039 µF	± 10%	X7R	0805	50 VDC
MC0805B393K500CT	TR	4000	0.039 µF	± 10%	X7R	0805	50 VDC
MC0805B473K500CT	TC		0.047 µF	± 10%	X7R	0805	50 VDC
MC0805B473K500CT	TR	4000	0.047 µF	± 10%	X7R	0805	50 VDC
MC0805B473M500CT	TC		0.047 µF	± 20%	X7R	0805	50 VDC
MC0805F473Z500CT	TC		0.047 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F473Z500CT	TR	4000	0.047 µF	+80, -20%	Y5V	0805	50 VDC
MC0805B563K500CT	TC		0.056 µF	± 10%	X7R	0805	50 VDC
MC0805B563K500CT	TR	4000	0.056 µF	± 10%	X7R	0805	50 VDC
MC0805B683K500CT	TC		0.068 µF	± 10%	X7R	0805	50 VDC
MC0805B683K500CT	TR	4000	0.068 µF	± 10%	X7R	0805	50 VDC
MC0805B683M500CT	TC		0.068 µF	± 20%	X7R	0805	50 VDC
MC0805F683Z500CT	TC		0.068 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F683Z500CT	TR	4000	0.068 µF	+80, -20%	Y5V	0805	50 VDC
MC0805B823K500CT	TC		0.082 µF	± 10%	X7R	0805	50 VDC
MC0805B823K500CT	TR	4000	0.082 µF	± 10%	X7R	0805	50 VDC
MC0805B153K500CT	TC		0.15 µF	± 10%	X7R	0805	50 VDC
MC0805B153K500CT	TR	4000	0.15 µF	± 10%	X7R	0805	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805B153M500CT	TC		0.15 µF	± 20%	X7R	0805	50 VDC
MC0805F153Z500CT	TC		0.15 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F153Z500CT	TR	4000	0.15 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F154Z500CT	TC		0.15 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F154Z500CT	TR	4000	0.15 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F224Z500CT	TC		0.22 µF	+80, -20%	Y5V	0805	50 VDC
MC0805F224Z500CT	TR	4000	0.22 µF	+80, -20%	Y5V	0805	50 VDC
MC0805N0R5C500CT	TC		0.5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N0R5C500CT	TR	4000	0.5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N1R0C500CT	TC		1 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N1R0C500CT	TR	4000	1 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N1R5C500CT	TC		1.5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N1R5C500CT	TR	4000	1.5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N100D500CT	TC		10 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N100D500CT	TR	4000	10 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N101J500CT	TC		100 pF	± 5%	NP0	0805	50 VDC
MC0805N101J500CT	TR	4000	100 pF	± 5%	NP0	0805	50 VDC
MC0805N101K500CT	TC		100 pF	± 10%	NP0	0805	50 VDC
MC0805B102K500CT	TC		1000 pF	± 10%	X7R	0805	50 VDC
MC0805B102K500CT	TR	4000	1000 pF	± 10%	X7R	0805	50 VDC
MC0805B102M500CT	TC		1000 pF	± 20%	X7R	0805	50 VDC
MC0805N102J500CT	TC		1000 pF	± 5%	NP0	0805	50 VDC
MC0805N102J500CT	TR	4000	1000 pF	± 5%	NP0	0805	50 VDC
MC0805N102K500CT	TC		1000 pF	± 10%	NP0	0805	50 VDC
MC0805N120J500CT	TC		12 pF	± 5%	NP0	0805	50 VDC
MC0805N120J500CT	TR	4000	12 pF	± 5%	NP0	0805	50 VDC
MC0805N121J500CT	TC		120 pF	± 5%	NP0	0805	50 VDC
MC0805N121J500CT	TR	4000	120 pF	± 5%	NP0	0805	50 VDC
MC0805N121K500CT	TC		120 pF	± 10%	NP0	0805	50 VDC
MC0805B122K500CT	TC		1200 pF	± 10%	X7R	0805	50 VDC
MC0805B122K500CT	TR	4000	1200 pF	± 10%	X7R	0805	50 VDC
MC0805N122J500CT	TC		1200 pF	± 5%	NP0	0805	50 VDC
MC0805N122J500CT	TR	4000	1200 pF	± 5%	NP0	0805	50 VDC
MC0805N122K500CT	TC		1200 pF	± 10%	NP0	0805	50 VDC
MC0805N150J500CT	TC		15 pF	± 5%	NP0	0805	50 VDC
MC0805N150J500CT	TR	4000	15 pF	± 5%	NP0	0805	50 VDC
MC0805N151J500CT	TC		150 pF	± 5%	NP0	0805	50 VDC
MC0805N151J500CT	TR	4000	150 pF	± 5%	NP0	0805	50 VDC
MC0805N151K500CT	TC		150 pF	± 10%	NP0	0805	50 VDC
MC0805B152K500CT	TC		1500 pF	± 10%	X7R	0805	50 VDC
MC0805B152K500CT	TR	4000	1500 pF	± 10%	X7R	0805	50 VDC
MC0805B152M500CT	TC		1500 pF	± 20%	X7R	0805	50 VDC
MC0805N152J500CT	TC		1500 pF	± 5%	NP0	0805	50 VDC
MC0805N152J500CT	TR	4000	1500 pF	± 5%	NP0	0805	50 VDC
MC0805N152K500CT	TC		1500 pF	± 10%	NP0	0805	50 VDC
MC0805N180J500CT	TC		18 pF	± 5%	NP0	0805	50 VDC

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SPC-F005.DWG

DOC. NO. SPC-F005 * Effective: 7/5/02 * DCP No: 1388

SIZE
A

DWG. NO.

Ta-1100

ELECTRONIC FILE

Ta-1100.DWG

REV
A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 2 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805N180J500CT	TR	4000	18 pF	± 5%	NP0	0805	50 VDC
MC0805N181J500CT	TC		180 pF	± 5%	NP0	0805	50 VDC
MC0805N181J500CT	TR	4000	180 pF	± 5%	NP0	0805	50 VDC
MC0805N181K500CT	TC		180 pF	± 10%	NP0	0805	50 VDC
MC0805B182K500CT	TC		1800 pF	± 10%	X7R	0805	50 VDC
MC0805B182K500CT	TR	4000	1800 pF	± 10%	X7R	0805	50 VDC
MC0805N182J500CT	TC		1800 pF	± 5%	NP0	0805	50 VDC
MC0805N182J500CT	TR	4000	1800 pF	± 5%	NP0	0805	50 VDC
MC0805N182K500CT	TC		1800 pF	± 10%	NP0	0805	50 VDC
MC0805N2R0C500CT	TC		2 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N2R0C500CT	TR	4000	2 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N220J500CT	TC		22 pF	± 5%	NP0	0805	50 VDC
MC0805N220J500CT	TR	4000	22 pF	± 5%	NP0	0805	50 VDC
MC0805N220J500CT	TC		22 pF	± 5%	NP0	0805	50 VDC
MC0805B221K500CT	TC		220 pF	± 10%	X7R	0805	50 VDC
MC0805B221K500CT	TR	4000	220 pF	± 10%	X7R	0805	50 VDC
MC0805N221J500CT	TC		220 pF	± 5%	NP0	0805	50 VDC
MC0805N221J500CT	TR	4000	220 pF	± 5%	NP0	0805	50 VDC
MC0805N221K500CT	TC		220 pF	± 10%	NP0	0805	50 VDC
MC0805B222K500CT	TC		2200 pF	± 10%	X7R	0805	50 VDC
MC0805B222K500CT	TR	4000	2200 pF	± 10%	X7R	0805	50 VDC
MC0805B222M500CT	TC		2200 pF	± 20%	X7R	0805	50 VDC
MC0805N222J500CT	TC		2200 pF	± 5%	NP0	0805	50 VDC
MC0805N222J500CT	TR	4000	2200 pF	± 5%	NP0	0805	50 VDC
MC0805N222J500CT	TC		2200 pF	± 10%	NP0	0805	50 VDC
MC0805N270J500CT	TC		27 pF	± 5%	NP0	0805	50 VDC
MC0805N270J500CT	TR	4000	27 pF	± 5%	NP0	0805	50 VDC
MC0805N270K500CT	TC		27 pF	± 10%	NP0	0805	50 VDC
MC0805B271K500CT	TC		270 pF	± 10%	X7R	0805	50 VDC
MC0805B271K500CT	TR	4000	270 pF	± 10%	X7R	0805	50 VDC
MC0805N271J500CT	TC		270 pF	± 5%	NP0	0805	50 VDC
MC0805N271J500CT	TR	4000	270 pF	± 5%	NP0	0805	50 VDC
MC0805N271K500CT	TC		270 pF	± 10%	NP0	0805	50 VDC
MC0805B272K500CT	TC		2700 pF	± 10%	X7R	0805	50 VDC
MC0805B272K500CT	TR	4000	2700 pF	± 10%	X7R	0805	50 VDC
MC0805N272J500CT	TC		2700 pF	± 5%	NP0	0805	50 VDC
MC0805N272J500CT	TR	4000	2700 pF	± 5%	NP0	0805	50 VDC
MC0805N272K500CT	TC		2700 pF	± 10%	NP0	0805	50 VDC
MC0805N3R0C500CT	TC		3 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N3R0C500CT	TR	4000	3 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N330J500CT	TC		33 pF	± 5%	NP0	0805	50 VDC
MC0805N330J500CT	TR	4000	33 pF	± 5%	NP0	0805	50 VDC
MC0805N330K500CT	TC		33 pF	± 10%	NP0	0805	50 VDC
MC0805B331K500CT	TC		330 pF	± 10%	X7R	0805	50 VDC
MC0805B331K500CT	TR	4000	330 pF	± 10%	X7R	0805	50 VDC
MC0805N331J500CT	TC		330 pF	± 5%	NP0	0805	50 VDC
MC0805N331J500CT	TR	4000	330 pF	± 5%	NP0	0805	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805N331K500CT	TC		330 pF	± 10%	NP0	0805	50 VDC
MC0805B332K500CT	TC		3300 pF	± 10%	X7R	0805	50 VDC
MC0805B332K500CT	TR	4000	3300 pF	± 10%	X7R	0805	50 VDC
MC0805B332M500CT	TC		3300 pF	± 20%	X7R	0805	50 VDC
MC0805N390J500CT	TC		39 pF	± 5%	NP0	0805	50 VDC
MC0805N390J500CT	TR	4000	39 pF	± 5%	NP0	0805	50 VDC
MC0805N390K500CT	TC		39 pF	± 10%	NP0	0805	50 VDC
MC0805B391K500CT	TC		390 pF	± 10%	X7R	0805	50 VDC
MC0805B391K500CT	TR	4000	390 pF	± 10%	X7R	0805	50 VDC
MC0805N391J500CT	TC		390 pF	± 5%	NP0	0805	50 VDC
MC0805N391J500CT	TR	4000	390 pF	± 5%	NP0	0805	50 VDC
MC0805N391K500CT	TC		390 pF	± 10%	NP0	0805	50 VDC
MC0805B392K500CT	TC		3900 pF	± 10%	X7R	0805	50 VDC
MC0805B392K500CT	TR	4000	3900 pF	± 10%	X7R	0805	50 VDC
MC0805N4R0C500CT	TC		4 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N4R0C500CT	TR	4000	4 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N470J500CT	TC		47 pF	± 5%	NP0	0805	50 VDC
MC0805N470J500CT	TR	4000	47 pF	± 5%	NP0	0805	50 VDC
MC0805N470K500CT	TC		47 pF	± 10%	NP0	0805	50 VDC
MC0805B471K500CT	TC		470 pF	± 10%	X7R	0805	50 VDC
MC0805B471K500CT	TR	4000	470 pF	± 10%	X7R	0805	50 VDC
MC0805N471J500CT	TC		470 pF	± 5%	NP0	0805	50 VDC
MC0805N471J500CT	TR	4000	470 pF	± 5%	NP0	0805	50 VDC
MC0805N471K500CT	TC		470 pF	± 10%	NP0	0805	50 VDC
MC0805B472K500CT	TC		4700 pF	± 10%	X7R	0805	50 VDC
MC0805B472K500CT	TR	4000	4700 pF	± 10%	X7R	0805	50 VDC
MC0805B472M500CT	TC		4700 pF	± 20%	X7R	0805	50 VDC
MC0805N5R0C500CT	TC		5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N5R0C500CT	TR	4000	5 pF	± 0.25pF	NP0	0805	50 VDC
MC0805N560J500CT	TC		56 pF	± 5%	NP0	0805	50 VDC
MC0805N560J500CT	TR	4000	56 pF	± 5%	NP0	0805	50 VDC
MC0805N560K500CT	TC		56 pF	± 10%	NP0	0805	50 VDC
MC0805B561K500CT	TC		560 pF	± 10%	X7R	0805	50 VDC
MC0805B561K500CT	TR	4000	560 pF	± 10%	X7R	0805	50 VDC
MC0805N561J500CT	TC		560 pF	± 5%	NP0	0805	50 VDC
MC0805N561J500CT	TR	4000	560 pF	± 5%	NP0	0805	50 VDC
MC0805N561K500CT	TC		560 pF	± 10%	NP0	0805	50 VDC
MC0805B562K500CT	TC		5600 pF	± 10%	X7R	0805	50 VDC
MC0805B562K500CT	TR	4000	5600 pF	± 10%	X7R	0805	50 VDC
MC0805N6R0D500CT	TC		6 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N6R0D500CT	TR	4000	6 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N680J500CT	TC		68 pF	± 5%	NP0	0805	50 VDC
MC0805N680J500CT	TR	4000	68 pF	± 5%	NP0	0805	50 VDC
MC0805N680K500CT	TC		68 pF	± 10%	NP0	0805	50 VDC
MC0805B681K500CT	TC		680 pF	± 10%	X7R	0805	50 VDC
MC0805B681K500CT	TR	4000	680 pF	± 10%	X7R	0805	50 VDC

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SPC-F005.DWG

DOC. NO. SPC-F005 * Effective: 7/5/02 * DCP No: 1388

SIZE
A

DWG. NO.

Ta-1100

ELECTRONIC FILE

Ta-1100.DWG

REV
A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 3 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805N681J500CT	TC		680 pF	± 5%	NP0	0805	50 VDC
MC0805N681J500CT	TR	4000	680 pF	± 5%	NP0	0805	50 VDC
MC0805N681K500CT	TC		680 pF	± 10%	NP0	0805	50 VDC
MC0805B682K500CT	TC		6800 pF	± 10%	X7R	0805	50 VDC
MC0805B682K500CT	TR	4000	6800 pF	± 10%	X7R	0805	50 VDC
MC0805B682M500CT	TC		6800 pF	± 20%	X7R	0805	50 VDC
MC0805N7R0D500CT	TC		7 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N7R0D500CT	TR	4000	7 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N820J500CT	TC		82 pF	± 5%	NP0	0805	50 VDC
MC0805N820J500CT	TR	4000	82 pF	± 5%	NP0	0805	50 VDC
MC0805N820K500CT	TC		82 pF	± 10%	NP0	0805	50 VDC
MC0805B821K500CT	TC		820 pF	± 10%	X7R	0805	50 VDC
MC0805B821K500CT	TR	4000	820 pF	± 10%	X7R	0805	50 VDC
MC0805N821J500CT	TC		820 pF	± 5%	NP0	0805	50 VDC
MC0805N821J500CT	TR	4000	820 pF	± 5%	NP0	0805	50 VDC
MC0805N821K500CT	TC		820 pF	± 10%	NP0	0805	50 VDC
MC0805B822K500CT	TC		8200 pF	± 10%	X7R	0805	50 VDC
MC0805B822K500CT	TR	4000	8200 pF	± 10%	X7R	0805	50 VDC
MC0805N9R0D500CT	TC		9 pF	± 0.5pF	NP0	0805	50 VDC
MC0805N9R0D500CT	TR	4000	9 pF	± 0.5pF	NP0	0805	50 VDC
MC0805B104K250CT	TC		0.01 µF	± 10%	X7R	0805	25 VDC
MC0805B104K250CT	TR	4000	0.01 µF	± 10%	X7R	0805	25 VDC
MC0805B104M250CT	TC		0.01 µF	± 20%	X7R	0805	25 VDC
MC0805F104Z250CT	TC		0.01 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F104Z250CT	TR	4000	0.01 µF	+80, -20%	Y5V	0805	25 VDC
MC0805B393K250CT	TC		0.039 µF	± 10%	X7R	0805	25 VDC
MC0805B393K250CT	TR	4000	0.039 µF	± 10%	X7R	0805	25 VDC
MC0805B473K250CT	TC		0.047 µF	± 10%	X7R	0805	25 VDC
MC0805B473K250CT	TR	4000	0.047 µF	± 10%	X7R	0805	25 VDC
MC0805B473M250CT	TC		0.047 µF	± 20%	X7R	0805	25 VDC
MC0805B563K250CT	TC		0.056 µF	± 10%	X7R	0805	25 VDC
MC0805B563K250CT	TR	4000	0.056 µF	± 10%	X7R	0805	25 VDC
MC0805B683K250CT	TC		0.068 µF	± 10%	X7R	0805	25 VDC
MC0805B683K250CT	TR	4000	0.068 µF	± 10%	X7R	0805	25 VDC
MC0805B683M250CT	TC		0.068 µF	± 20%	X7R	0805	25 VDC
MC0805F683Z250CT	TC		0.068 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F683Z250CT	TR	4000	0.068 µF	+80, -20%	Y5V	0805	25 VDC
MC0805B823K250CT	TC		0.082 µF	± 10%	X7R	0805	25 VDC
MC0805B823K250CT	TR	4000	0.082 µF	± 10%	X7R	0805	25 VDC
MC0805B124K250CT	TC		0.12 µF	± 10%	X7R	0805	25 VDC
MC0805B124K250CT	TR	4000	0.12 µF	± 10%	X7R	0805	25 VDC
MC0805B154K250CT	TC		0.15 µF	± 10%	X7R	0805	25 VDC
MC0805B154K250CT	TR	4000	0.15 µF	± 10%	X7R	0805	25 VDC
MC0805B154M250CT	TC		0.15 µF	± 20%	X7R	0805	25 VDC
MC0805F154Z250CT	TC		0.15 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F154Z250CT	TR	4000	0.15 µF	+80, -20%	Y5V	0805	25 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805B184K250CT	TC		0.18 µF	± 10%	X7R	0805	25 VDC
MC0805B184K250CT	TR	4000	0.18 µF	± 10%	X7R	0805	25 VDC
MC0805B224K250CT	TC		0.22 µF	± 10%	X7R	0805	25 VDC
MC0805B224K250CT	TR	4000	0.22 µF	± 10%	X7R	0805	25 VDC
MC0805B224M250CT	TC		0.22 µF	± 20%	X7R	0805	25 VDC
MC0805F224Z250CT	TC		0.22 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F224Z250CT	TR	4000	0.22 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F334Z250CT	TC		0.33 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F334Z250CT	TR	4000	0.33 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F474Z250CT	TC		0.47 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F474Z250CT	TR	4000	0.47 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F225Z250CT	TC		2.2 µF	+80, -20%	Y5V	0805	25 VDC
MC0805F225Z250CT	TR	4000	2.2 µF	+80, -20%	Y5V	0805	25 VDC
MC0805B104K160CT	TC		0.01 µF	± 10%	X7R	0805	16 VDC
MC0805B104M160CT	TC		0.01 µF	± 20%	X7R	0805	16 VDC
MC0805F104Z160CT	TC		0.01 µF	+80, -20%	Y5V	0805	16 VDC
MC0805B104Z160CT	TR	4000	0.01 µF	+80, -20%	Y5V	0805	16 VDC
MC0805B473K160CT	TC		0.047 µF	± 10%	X7R	0805	16 VDC
MC0805B473K160CT	TR	4000	0.047 µF	± 10%	X7R	0805	16 VDC
MC0805B563K160CT	TC		0.056 µF	± 10%	X7R	0805	16 VDC
MC0805B563K160CT	TR	4000	0.056 µF	± 10%	X7R	0805	16 VDC
MC0805B683K160CT	TC		0.068 µF	± 10%	X7R	0805	16 VDC
MC0805B683K160CT	TR	4000	0.068 µF	± 10%	X7R	0805	16 VDC
MC0805B823K160CT	TC		0.082 µF	± 10%	X7R	0805	16 VDC
MC0805B823K160CT	TR	4000	0.082 µF	± 10%	X7R	0805	16 VDC
MC0805B124K160CT	TC		0.12 µF	± 10%	X7R	0805	16 VDC
MC0805B124K160CT	TR	4000	0.12 µF	± 10%	X7R	0805	16 VDC
MC0805B154K160CT	TC		0.15 µF	± 10%	X7R	0805	16 VDC
MC0805B154K160CT	TR	4000	0.15 µF	± 10%	X7R	0805	16 VDC
MC0805B154M160CT	TC		0.15 µF	± 20%	X7R	0805	16 VDC
MC0805F154Z160CT	TC		0.15 µF	+80, -20%	Y5V	0805	16 VDC
MC0805F154Z160CT	TR	4000	0.15 µF	+80, -20%	Y5V	0805	16 VDC
MC0805B184K160CT	TC		0.18 µF	± 10%	X7R	0805	16 VDC
MC0805B184K160CT	TR	4000	0.18 µF	± 10%	X7R	0805	16 VDC
MC0805B224K160CT	TC		0.22 µF	± 10%	X7R	0805	16 VDC
MC0805B224K160CT	TR	4000	0.22 µF	± 10%	X7R	0805	16 VDC
MC0805B224M160CT	TC		0.22 µF	± 20%	X7R	0805	16 VDC
MC0805B224M160CT	TR	4000	0.22 µF	+80, -20%	Y5V	0805	16 VDC
MC0805F224Z160CT	TC		0.22 µF	+80, -20%	Y5V	0805	16 VDC
MC0805B274K160CT	TC		0.27 µF	± 10%	X7R	0805	16 VDC
MC0805B274K160CT	TR	4000	0.27 µF	± 10%	X7R	0805	16 VDC
MC0805B334K160CT	TC		0.33 µF	± 10%	X7R	0805	16 VDC
MC0805B334K160CT	TR	4000	0.33 µF	± 10%	X7R	0805	16 VDC
MC0805B334M160CT	TC		0.33 µF	± 20%	X7R	0805	16 VDC
MC0805F334Z160CT	TC		0.33 µF	+80, -20%	Y5V	0805	16 VDC

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SPC-F005.DWG

DOC. NO. SPC-F005 * Effective: 7/5/02 * DCP No: 1395

SIZE
A

DWG. NO.

Ta-1100

ELECTRONIC FILE
Ta-1100.DWG

REV
A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 4 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805F334Z160CT	TR	4000	0.33 μ F	+80, -20%	Y5V	0805	16 VDC
MC0805B394K160CT	TC		0.39 μ F	$\pm$ 10%	X7R	0805	16 VDC
MC0805B394K160CT	TR	4000	0.39 μ F	$\pm$ 10%	X7R	0805	16 VDC
MC0805B474K160CT	TC		0.47 μ F	$\pm$ 10%	X7R	0805	16 VDC
MC0805B474K160CT	TR	4000	0.47 μ F	$\pm$ 10%	X7R	0805	16 VDC
MC0805B474M160CT	TC		0.47 μ F	$\pm$ 20%	X7R	0805	16 VDC
MC0805F474Z160CT	TC		0.47 μ F	+80, -20%	Y5V	0805	16 VDC
MC0805F474Z160CT	TR	4000	0.47 μ F	+80, -20%	Y5V	0805	16 VDC
MC0805F684Z160CT	TC		0.68 μ F	+80, -20%	Y5V	0805	16 VDC
MC0805F684Z160CT	TR	4000	0.68 μ F	+80, -20%	Y5V	0805	16 VDC
MC0805B103K101CT	TC		0.01 μ F	$\pm$ 10%	X7R	0805	100 VDC
MC0805B103K101CT	TR	4000	0.01 μ F	$\pm$ 10%	X7R	0805	100 VDC
MC0805B103M101CT	TC		0.01 μ F	$\pm$ 20%	X7R	0805	100 VDC
MC0805B153K101CT	TC		0.15 μ F	$\pm$ 10%	X7R	0805	100 VDC
MC0805B153K101CT	TR	4000	0.15 μ F	$\pm$ 10%	X7R	0805	100 VDC
MC0805B153M101CT	TC		0.15 μ F	$\pm$ 20%	X7R	0805	100 VDC
MC0805N101J101CT	TC		100 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N101J101CT	TR	4000	100 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N101J201CT	TC		100 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N101J201CT	TR	4000	100 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N101K101CT	TC		100 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805N101K201CT	TC		100 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B102K101CT	TC		1000 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B102K101CT	TR	4000	1000 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B102M101CT	TC		1000 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N102J101CT	TC		1000 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N102J101CT	TR	4000	1000 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N102K101CT	TC		1000 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805N150J101CT	TC		15 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N150J101CT	TR	4000	15 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N150K101CT	TC		15 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805N151J101CT	TC		150 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N151J101CT	TR	4000	150 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N151K101CT	TC		150 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B152K101CT	TC		1500 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B152K101CT	TR	4000	1500 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B152M101CT	TC		1500 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N220J101CT	TC		22 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N220J101CT	TR	4000	22 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N220K101CT	TC		22 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B221K101CT	TC		220 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B221K101CT	TR	4000	220 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B221M101CT	TC		220 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N221J101CT	TC		220 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N221J101CT	TR	4000	220 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N221K101CT	TC		220 pF	$\pm$ 10%	NP0	0805	100 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0805B222K101CT	TC		2200 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B222K101CT	TR	4000	2200 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B222M101CT	TC		2200 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N330J101CT	TC		33 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N330J101CT	TR	4000	33 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N330K101CT	TC		33 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B331K101CT	TC		330 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B331K101CT	TR	4000	330 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B331M101CT	TC		330 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N331J101CT	TC		330 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N331J101CT	TR	4000	330 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N331K101CT	TC		330 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B332K101CT	TC		3300 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B332K101CT	TR	4000	3300 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B332M101CT	TC		3300 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N470J101CT	TC		47 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N470J101CT	TR	4000	47 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N470K101CT	TC		47 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B471K101CT	TC		470 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B471K101CT	TR	4000	470 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B471M101CT	TC		470 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N471J101CT	TC		470 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N471J101CT	TR	4000	470 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N471K101CT	TC		470 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B472K101CT	TC		4700 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B472K101CT	TR	4000	4700 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B472M101CT	TC		4700 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N680J101CT	TC		68 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N680J101CT	TR	4000	68 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N680K101CT	TC		68 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B681K101CT	TC		680 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B681K101CT	TR	4000	680 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B681M101CT	TC		680 pF	$\pm$ 20%	X7R	0805	100 VDC
MC0805N681J101CT	TC		680 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N681J101CT	TR	4000	680 pF	$\pm$ 5%	NP0	0805	100 VDC
MC0805N681K101CT	TC		680 pF	$\pm$ 10%	NP0	0805	100 VDC
MC0805B682K101CT	TC		6800 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B682K101CT	TR	4000	6800 pF	$\pm$ 10%	X7R	0805	100 VDC
MC0805B682M101CT	TC		6800 pF	$\pm$ 20%	X7R	0805	100 VDC

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SPC-F005.DWG

DOC. NO. SPC-F005 * Effective: 7/5/02 * DCP No: 1388

SIZE
A

DWG. NO.

Ta-1100

ELECTRONIC FILE
Ta-1100.DWG

REV
A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 5 OF 5