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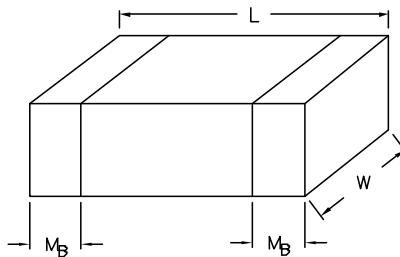
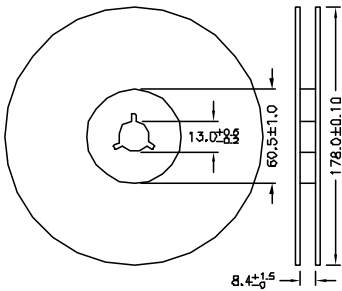
SPC-F005.DWG

REVISIONS

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

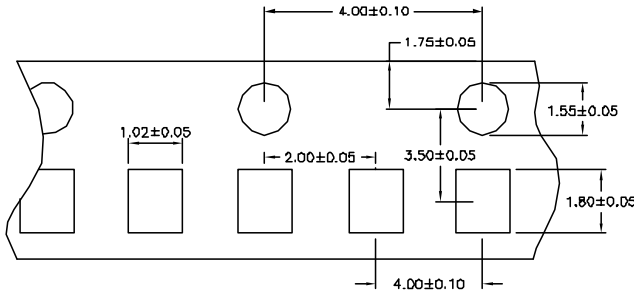
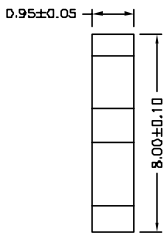
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
2032	A	Released	JN	03/05/09	JWM	03/05/09	JWM	03/05/09

Tape & Reel Dimension

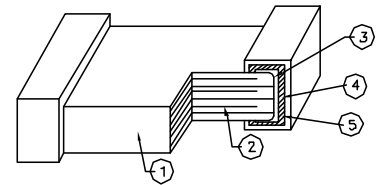


Capacitor Dimension

L (mm)	W (mm)	M _B
1.60±0.10	0.80±0.10	0.40±0.15



NO.	Name	NPO/X7R	X7R/X5R/Y5V
1	Ceramic material	BaTiO ₃ based	
2	Inner electrode	AgPd alloy	Ni
3	Inner layer	Ag	Cu
4	Termination	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-1098	Ta-1098.dwg	A
SCALE: NTS	U.Q.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
MC0603B102K101CT	TC		1000 pF		X7R	0603	100 VDC
MC0603B102K101CT	TR	4000	1000 pF	± 10%	X7R	0603	100 VDC
MC0603B102K500CT	TC		1000 pF	± 10%	X7R	0603	50 VDC
MC0603B102K500CT	TR	4000	1000 pF	± 10%	X7R	0603	50 VDC
MC0603B102M101CT	TC		1000 pF	± 20%	X7R	0603	100 VDC
MC0603B102M500CT	TC		1000 pF	± 20%	X7R	0603	50 VDC
MC0603B103K160CT	TC		0.01 µF	± 10%	X7R	0603	16 VDC
MC0603B103K160CT	TR	4000	0.01 µF	± 10%	X7R	0603	16 VDC
MC0603B103K250CT	TC		0.01 µF	± 10%	X7R	0603	25 VDC
MC0603B103K250CT	TR	4000	0.01 µF	± 10%	X7R	0603	25 VDC
MC0603B103M500CT	TC		0.01 µF	± 10%	X7R	0603	50 VDC
MC0603B103M500CT	TR	4000	0.01 µF	± 10%	X7R	0603	50 VDC
MC0603B104K160CT	TC		0.01 µF	± 10%	X7R	0603	16 VDC
MC0603B104K160CT	TR	4000	0.01 µF	± 10%	X7R	0603	16 VDC
MC0603B104K250CT	TC		0.01 µF	± 10%	X7R	0603	25 VDC
MC0603B104K250CT	TR	4000	0.01 µF	± 10%	X7R	0603	25 VDC
MC0603B104M500CT	TC		0.01 µF	± 10%	X7R	0603	50 VDC
MC0603B104M500CT	TR	4000	0.01 µF	± 10%	X7R	0603	50 VDC
MC0603B104M160CT	TC		0.01 µF	± 20%	X7R	0603	16 VDC
MC0603B104M250CT	TC		0.01 µF	± 20%	X7R	0603	25 VDC
MC0603B104M500CT	TC		0.01 µF	± 20%	X7R	0603	50 VDC
MC0603B122K500CT	TC		1200 pF	± 10%	X7R	0603	50 VDC
MC0603B122K500CT	TR	4000	1200 pF	± 10%	X7R	0603	50 VDC
MC0603B123K160CT	TC		0.012 µF	± 10%	X7R	0603	16 VDC
MC0603B123K160CT	TR	4000	0.012 µF	± 10%	X7R	0603	16 VDC
MC0603B123K250CT	TC		0.012 µF	± 10%	X7R	0603	25 VDC
MC0603B123K250CT	TR	4000	0.012 µF	± 10%	X7R	0603	25 VDC
MC0603B123K500CT	TC		0.012 µF	± 10%	X7R	0603	50 VDC
MC0603B123K500CT	TR	4000	0.012 µF	± 10%	X7R	0603	50 VDC
MC0603B152K500CT	TC		1500 pF	± 10%	X7R	0603	50 VDC
MC0603B152K500CT	TR	4000	1500 pF	± 10%	X7R	0603	50 VDC
MC0603B152M500CT	TC		1500 pF	± 20%	X7R	0603	50 VDC
MC0603B153K160CT	TC		0.15 µF	± 10%	X7R	0603	16 VDC
MC0603B153K160CT	TR	4000	0.15 µF	± 10%	X7R	0603	16 VDC
MC0603B153K250CT	TC		0.15 µF	± 10%	X7R	0603	25 VDC
MC0603B153K250CT	TR	4000	0.15 µF	± 10%	X7R	0603	25 VDC
MC0603B153K500CT	TC		0.15 µF	± 10%	X7R	0603	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603B153K500CT	TR	4000	0.15 µF	± 10%	X7R	0603	50 VDC
MC0603B153M160CT	TC		0.15 µF	± 20%	X7R	0603	16 VDC
MC0603B153M250CT	TC		0.15 µF	± 20%	X7R	0603	25 VDC
MC0603B153M500CT	TC		0.15 µF	± 20%	X7R	0603	50 VDC
MC0603B182K500CT	TC		1800 pF	± 10%	X7R	0603	50 VDC
MC0603B182K500CT	TR	4000	1800 pF	± 10%	X7R	0603	50 VDC
MC0603B183K160CT	TC		0.018 µF	± 10%	X7R	0603	16 VDC
MC0603B183K160CT	TR	4000	0.018 µF	± 10%	X7R	0603	16 VDC
MC0603B183K250CT	TC		0.018 µF	± 10%	X7R	0603	25 VDC
MC0603B183K250CT	TR	4000	0.018 µF	± 10%	X7R	0603	25 VDC
MC0603B183M500CT	TC		0.018 µF	± 10%	X7R	0603	50 VDC
MC0603B183M500CT	TR	4000	0.018 µF	± 10%	X7R	0603	50 VDC
MC0603B221K101CT	TC		220 pF	± 10%	X7R	0603	100 VDC
MC0603B221K101CT	TR	4000	220 pF	± 10%	X7R	0603	100 VDC
MC0603B221K500CT	TC		220 pF	± 10%	X7R	0603	50 VDC
MC0603B221K500CT	TR	4000	220 pF	± 10%	X7R	0603	50 VDC
MC0603B221M101CT	TC		220 pF	± 20%	X7R	0603	100 VDC
MC0603B222K500CT	TR	4000	2200 pF	± 10%	X7R	0603	50 VDC
MC0603B222K500CT	TC		2200 pF	± 10%	X7R	0603	50 VDC
MC0603B222M500CT	TC		2200 pF	± 20%	X7R	0603	50 VDC
MC0603B223K160CT	TC		0.022 µF	± 10%	X7R	0603	16 VDC
MC0603B223K160CT	TR	4000	0.022 µF	± 10%	X7R	0603	16 VDC
MC0603B223M160CT	TC		0.022 µF	± 10%	X7R	0603	16 VDC
MC0603B223M250CT	TC		0.022 µF	± 10%	X7R	0603	25 VDC
MC0603B223M250CT	TR	4000	0.022 µF	± 10%	X7R	0603	25 VDC
MC0603B223K500CT	TC		0.022 µF	± 10%	X7R	0603	50 VDC
MC0603B223K500CT	TR	4000	0.022 µF	± 10%	X7R	0603	50 VDC
MC0603B223M160CT	TC		0.022 µF	± 20%	X7R	0603	16 VDC
MC0603B223M250CT	TC		0.022 µF	± 20%	X7R	0603	25 VDC
MC0603B223M500CT	TC		0.022 µF	± 20%	X7R	0603	50 VDC
MC0603B271K500CT	TC		270 pF	± 10%	X7R	0603	50 VDC
MC0603B271K500CT	TR	4000	270 pF	± 10%	X7R	0603	50 VDC
MC0603B272K500CT	TC		2700 pF	± 10%	X7R	0603	50 VDC
MC0603B272K500CT	TR	4000	2700 pF	± 10%	X7R	0603	50 VDC
MC0603B273K160CT	TC		0.027 µF	± 10%	X7R	0603	16 VDC
MC0603B273K160CT	TR	4000	0.027 µF	± 10%	X7R	0603	16 VDC
MC0603B273K250CT	TC		0.027 µF	± 10%	X7R	0603	25 VDC
MC0603B273K250CT	TR	4000	0.027 µF	± 10%	X7R	0603	25 VDC
MC0603B273M500CT	TC		0.027 µF	± 10%	X7R	0603	50 VDC
MC0603B273M500CT	TR	4000	0.027 µF	± 10%	X7R	0603	50 VDC
MC0603B331K101CT	TC		330 pF	± 10%	X7R	0603	100 VDC

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SIZE

DWG. NO.

ELECTRONIC FILE

REV

A

Ta-1098

Ta-1098.DWG

A

SPC-F005.DWG

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

SCALE: NTS

U.Q.M.: Millimeters

SHEET: 2 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603B331K101CT	TR	4000	330 pF	± 10%	X7R	0603	100 VDC
MC0603B331K500CT	TC		330 pF	± 10%	X7R	0603	50 VDC
MC0603B331K500CT	TR	4000	330 pF	± 10%	X7R	0603	50 VDC
MC0603B331M101CT	TC		330 pF	± 20%	X7R	0603	100 VDC
MC0603B332K500CT	TC		3300 pF	± 10%	X7R	0603	50 VDC
MC0603B332K500CT	TR	4000	3300 pF	± 10%	X7R	0603	50 VDC
MC0603B332M500CT	TC		3300 pF	± 20%	X7R	0603	50 VDC
MC0603B333K160CT	TC		0.033 µF	± 10%	X7R	0603	16 VDC
MC0603B333K160CT	TR	4000	0.033 µF	± 10%	X7R	0603	16 VDC
MC0603B333K250CT	TC		0.033 µF	± 10%	X7R	0603	25 VDC
MC0603B333K250CT	TR	4000	0.033 µF	± 10%	X7R	0603	25 VDC
MC0603B333K500CT	TC		0.033 µF	± 10%	X7R	0603	50 VDC
MC0603B333K500CT	TR	4000	0.033 µF	± 10%	X7R	0603	50 VDC
MC0603B333M160CT	TC		0.033 µF	± 20%	X7R	0603	16 VDC
MC0603B333M250CT	TC		0.033 µF	± 20%	X7R	0603	25 VDC
MC0603B333M500CT	TC		0.033 µF	± 20%	X7R	0603	50 VDC
MC0603B391K500CT	TR	4000	390 pF	± 10%	X7R	0603	50 VDC
MC0603B391K500CT	TC		390 pF	± 10%	X7R	0603	50 VDC
MC0603B392K500CT	TC		3900 pF	± 10%	X7R	0603	50 VDC
MC0603B392K500CT	TR	4000	3900 pF	± 10%	X7R	0603	50 VDC
MC0603B393K160CT	TC		0.039 µF	± 10%	X7R	0603	16 VDC
MC0603B393K160CT	TR	4000	0.039 µF	± 10%	X7R	0603	16 VDC
MC0603B393K250CT	TC		0.039 µF	± 10%	X7R	0603	25 VDC
MC0603B393K250CT	TR	4000	0.039 µF	± 10%	X7R	0603	25 VDC
MC0603B393K500CT	TC		0.039 µF	± 10%	X7R	0603	50 VDC
MC0603B393K500CT	TR	4000	0.039 µF	± 10%	X7R	0603	50 VDC
MC0603B471K101CT	TC		470 pF	± 10%	X7R	0603	100 VDC
MC0603B471K101CT	TR	4000	470 pF	± 10%	X7R	0603	100 VDC
MC0603B471K500CT	TC		470 pF	± 10%	X7R	0603	50 VDC
MC0603B471K500CT	TR	4000	470 pF	± 10%	X7R	0603	50 VDC
MC0603B471M101CT	TC		470 pF	± 20%	X7R	0603	100 VDC
MC0603B472K500CT	TC		4700 pF	± 10%	X7R	0603	50 VDC
MC0603B472K500CT	TR	4000	4700 pF	± 10%	X7R	0603	50 VDC
MC0603B472M500CT	TC		4700 pF	± 20%	X7R	0603	50 VDC
MC0603B473K160CT	TC		0.047 µF	± 10%	X7R	0603	16 VDC
MC0603B473K160CT	TR	4000	0.047 µF	± 10%	X7R	0603	16 VDC
MC0603B473K250CT	TC		0.047 µF	± 10%	X7R	0603	25 VDC
MC0603B473K250CT	TR	4000	0.047 µF	± 10%	X7R	0603	25 VDC
MC0603B473K500CT	TR	4000	0.047 µF	± 10%	X7R	0603	50 VDC
MC0603B473K500CT	TC		0.047 µF	± 10%	X7R	0603	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603B473M160CT	TC		0.047 µF	± 20%	X7R	0603	16 VDC
MC0603B473M250CT	TC		0.047 µF	± 20%	X7R	0603	25 VDC
MC0603B473M500CT	TC		0.047 µF	± 20%	X7R	0603	50 VDC
MC0603B561K500CT	TC		560 pF	± 10%	X7R	0603	50 VDC
MC0603B561K500CT	TR	4000	560 pF	± 10%	X7R	0603	50 VDC
MC0603B562K500CT	TC		5600 pF	± 10%	X7R	0603	50 VDC
MC0603B562K500CT	TR	4000	5600 pF	± 10%	X7R	0603	50 VDC
MC0603B563K160CT	TC		0.056 µF	± 10%	X7R	0603	16 VDC
MC0603B563K160CT	TR	4000	0.056 µF	± 10%	X7R	0603	16 VDC
MC0603B563K250CT	TC		0.056 µF	± 10%	X7R	0603	25 VDC
MC0603B563K250CT	TR	4000	0.056 µF	± 10%	X7R	0603	25 VDC
MC0603B563K500CT	TC		0.056 µF	± 10%	X7R	0603	50 VDC
MC0603B563K500CT	TR	4000	0.056 µF	± 10%	X7R	0603	50 VDC
MC0603B681K101CT	TC		680 pF	± 10%	X7R	0603	100 VDC
MC0603B681K101CT	TR	4000	680 pF	± 10%	X7R	0603	100 VDC
MC0603B681K500CT	TC		680 pF	± 10%	X7R	0603	50 VDC
MC0603B681K500CT	TR	4000	680 pF	± 10%	X7R	0603	50 VDC
MC0603B681M101CT	TC		680 pF	± 20%	X7R	0603	100 VDC
MC0603B682K500CT	TC		6800 pF	± 10%	X7R	0603	50 VDC
MC0603B682K500CT	TR	4000	6800 pF	± 10%	X7R	0603	50 VDC
MC0603B682M500CT	TC		6800 pF	± 20%	X7R	0603	50 VDC
MC0603B683K160CT	TC		0.068 µF	± 10%	X7R	0603	16 VDC
MC0603B683K160CT	TR	4000	0.068 µF	± 10%	X7R	0603	16 VDC
MC0603B683K250CT	TC		0.068 µF	± 10%	X7R	0603	25 VDC
MC0603B683K250CT	TR	4000	0.068 µF	± 10%	X7R	0603	25 VDC
MC0603B683K500CT	TC		0.068 µF	± 10%	X7R	0603	50 VDC
MC0603B683K500CT	TR	4000	0.068 µF	± 10%	X7R	0603	50 VDC
MC0603B683M250CT	TC		0.068 µF	± 20%	X7R	0603	25 VDC
MC0603B683M500CT	TC		0.068 µF	± 20%	X7R	0603	50 VDC
MC0603B821K500CT	TC		820 pF	± 10%	X7R	0603	50 VDC
MC0603B821K500CT	TR	4000	820 pF	± 10%	X7R	0603	50 VDC
MC0603B822K500CT	TC		8200 pF	± 10%	X7R	0603	50 VDC
MC0603B822K500CT	TR	4000	8200 pF	± 10%	X7R	0603	50 VDC
MC0603B823K160CT	TC		0.082 µF	± 10%	X7R	0603	16 VDC
MC0603B823K160CT	TR	4000	0.082 µF	± 10%	X7R	0603	16 VDC
MC0603B823K250CT	TC		0.082 µF	± 10%	X7R	0603	25 VDC
MC0603B823K250CT	TR	4000	0.082 µF	± 10%	X7R	0603	25 VDC
MC0603B823K500CT	TC		0.082 µF	± 10%	X7R	0603	50 VDC
MC0603B823K500CT	TR	4000	0.082 µF	± 10%	X7R	0603	50 VDC
MC0603F103Z500CT	TC		0.01 µF	+80, -20%	Y5V	0603	50 VDC
MC0603F103Z500CT	TR	4000	0.01 µF	+80, -20%	Y5V	0603	50 VDC
MC0603F104Z160CT	TC		0.01 µF	+80, -20%	Y5V	0603	16 VDC

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SIZE

DWG. NO.

ELECTRONIC FILE

REV

A

Ta-1098

Ta-1098.DWG

A

SPC-F005.DWG

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

SCALE: NTS

U.Q.M.: Millimeters

SHEET: 3 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603F104Z160CT	TR	4000	0.01µF	+80, -20%	Y5V	0603	16 VDC
MC0603F104Z250CT	TC		0.01µF	+80, -20%	Y5V	0603	25 VDC
MC0603F104Z250CT	TR	4000	0.01µF	+80, -20%	Y5V	0603	25 VDC
MC0603F104Z500CT	TC		0.01µF	+80, -20%	Y5V	0603	50 VDC
MC0603F104Z500CT	TR	4000	0.01µF	+80, -20%	Y5V	0603	50 VDC
MC0603F105Z250CT	TR	4000	1µF	+80, -20%	Y5V	0603	25 VDC
MC0603F105Z250CT	TC		1µF	+80, -20%	Y5V	0603	25 VDC
MC0603F153Z500CT	TR	4000	0.15µF	+80, -20%	Y5V	0603	50 VDC
MC0603F153Z500CT	TC		0.15µF	+80, -20%	Y5V	0603	50 VDC
MC0603F154Z160CT	TC		0.15µF	+80, -20%	Y5V	0603	16 VDC
MC0603F154Z160CT	TR	4000	0.15µF	+80, -20%	Y5V	0603	16 VDC
MC0603F223Z500CT	TC		0.22µF	+80, -20%	Y5V	0603	50 VDC
MC0603F223Z500CT	TR	4000	0.22µF	+80, -20%	Y5V	0603	50 VDC
MC0603F224Z160CT	TC		0.22µF	+80, -20%	Y5V	0603	16 VDC
MC0603F224Z160CT	TR	4000	0.22µF	+80, -20%	Y5V	0603	16 VDC
MC0603F333Z500CT	TC		0.33µF	+80, -20%	Y5V	0603	50 VDC
MC0603F333Z500CT	TR	4000	0.33µF	+80, -20%	Y5V	0603	50 VDC
MC0603F334Z160CT	TC		0.33µF	+80, -20%	Y5V	0603	16 VDC
MC0603F334Z160CT	TR	4000	0.33µF	+80, -20%	Y5V	0603	16 VDC
MC0603F473Z500CT	TC		0.047µF	+80, -20%	Y5V	0603	50 VDC
MC0603F473Z500CT	TR	4000	0.047µF	+80, -20%	Y5V	0603	50 VDC
MC0603F474Z160CT	TC		0.47µF	+80, -20%	Y5V	0603	16 VDC
MC0603F474Z160CT	TR	4000	0.47µF	+80, -20%	Y5V	0603	16 VDC
MC0603F683Z250CT	TC		0.068µF	+80, -20%	Y5V	0603	25 VDC
MC0603F683Z250CT	TR	4000	0.068µF	+80, -20%	Y5V	0603	25 VDC
MC0603F683Z500CT	TC		0.068µF	+80, -20%	Y5V	0603	50 VDC
MC0603F683Z500CT	TR	4000	0.068µF	+80, -20%	Y5V	0603	50 VDC
MC0603F684Z100CT	TC		0.68µF	+80, -20%	Y5V	0603	10 VDC
MC0603F684Z100CT	TR	4000	0.68µF	+80, -20%	Y5V	0603	10 VDC
MC0603N0R5C500LT	TC		0.5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N0R5C500LT	TR	4000	0.5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N100D500CT	TC		10 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N100D500CT	TR	4000	10 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N100F500CT	TC		10 pF	± 1%	NPO	0603	50 VDC
MC0603N101J101CT	TC		100 pF	± 5%	NPO	0603	100 VDC
MC0603N101J101CT	TR	4000	100 pF	± 5%	NPO	0603	100 VDC
MC0603N101J500CT	TC		100 pF	± 5%	NPO	0603	50 VDC
MC0603N101J500CT	TR	4000	100 pF	± 5%	NPO	0603	50 VDC
MC0603N101K101CT	TC		100 pF	± 10%	NPO	0603	100 VDC
MC0603N101K500CT	TC		100 pF	± 10%	NPO	0603	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603N102J500CT	TC		1000 pF	± 5%	NPO	0603	50 VDC
MC0603N102J500CT	TR	4000	1000 pF	± 5%	NPO	0603	50 VDC
MC0603N102K500CT	TC		1000 pF	± 10%	NPO	0603	50 VDC
MC0603N120J500CT	TC		12 pF	± 5%	NPO	0603	50 VDC
MC0603N120J500CT	TR	4000	12 pF	± 5%	NPO	0603	50 VDC
MC0603N120K500CT	TC		12 pF	± 10%	NPO	0603	50 VDC
MC0603N121J500CT	TC		120 pF	± 5%	NPO	0603	50 VDC
MC0603N121J500CT	TR	4000	120 pF	± 5%	NPO	0603	50 VDC
MC0603N121K500CT	TC		120 pF	± 10%	NPO	0603	50 VDC
MC0603N150J101CT	TC		15 pF	± 5%	NPO	0603	100 VDC
MC0603N150J101CT	TR	4000	15 pF	± 5%	NPO	0603	100 VDC
MC0603N150J500CT	TC		15 pF	± 5%	NPO	0603	50 VDC
MC0603N150J500CT	TR	4000	15 pF	± 5%	NPO	0603	50 VDC
MC0603N150K101CT	TC		15 pF	± 10%	NPO	0603	100 VDC
MC0603N150K500CT	TC		15 pF	± 10%	NPO	0603	50 VDC
MC0603N151J500CT	TC		150 pF	± 5%	NPO	0603	50 VDC
MC0603N151J500CT	TR	4000	150 pF	± 5%	NPO	0603	50 VDC
MC0603N151K500CT	TC		150 pF	± 10%	NPO	0603	50 VDC
MC0603N180J500CT	TC		18 pF	± 5%	NPO	0603	50 VDC
MC0603N180J500CT	TR	4000	18 pF	± 5%	NPO	0603	50 VDC
MC0603N180K500CT	TC		18 pF	± 10%	NPO	0603	50 VDC
MC0603N181J500CT	TC		180 pF	± 5%	NPO	0603	50 VDC
MC0603N181J500CT	TR	4000	180 pF	± 5%	NPO	0603	50 VDC
MC0603N181K500CT	TC		180 pF	± 10%	NPO	0603	50 VDC
MC0603N1R0C500CT	TC		1 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N1R0C500CT	TR	4000	1 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N1R0D500CT	TC		1 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N1R0D500CT	TR	4000	1 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N1R5C500CT	TC		1.5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N1R5C500CT	TR	4000	1.5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N1R5D500CT	TC		1.5 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N220J101CT	TC		22 pF	± 5%	NPO	0603	100 VDC
MC0603N220J101CT	TR	4000	22 pF	± 5%	NPO	0603	100 VDC
MC0603N220J500CT	TC		22 pF	± 5%	NPO	0603	50 VDC
MC0603N220J500CT	TR	4000	22 pF	± 5%	NPO	0603	50 VDC
MC0603N220K101CT	TC		22 pF	± 10%	NPO	0603	100 VDC
MC0603N220K500CT	TC		22 pF	± 10%	NPO	0603	50 VDC
MC0603N221J500CT	TC		220 pF	± 5%	NPO	0603	50 VDC
MC0603N221J500CT	TR	4000	220 pF	± 5%	NPO	0603	50 VDC
MC0603N221K500CT	TC		220 pF	± 10%	NPO	0603	50 VDC
MC0603N270J500CT	TC		27 pF	± 5%	NPO	0603	50 VDC

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SIZE DWG. NO.

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Ta-1098

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SPC-F005.DWG

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SCALE: NTS

U.Q.M.: Millimeters

SHEET: 4 OF 5

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603N270J500CT	TR	4000	27 pF	± 5%	NPO	0603	50 VDC
MC0603N270K500CT	TC		27 pF	± 10%	NPO	0603	50 VDC
MC0603N271J500CT	TC		270 pF	± 5%	NPO	0603	50 VDC
MC0603N271J500CT	TR	4000	270 pF	± 5%	NPO	0603	50 VDC
MC0603N271K500CT	TC		270 pF	± 10%	NPO	0603	50 VDC
MC0603N2R0C500CT	TC		2 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N2R0C500CT	TR	4000	2 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N2R0D500CT	TC		2 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N330J101CT	TC		33 pF	± 5%	NPO	0603	100 VDC
MC0603N330J101CT	TR	4000	33 pF	± 5%	NPO	0603	100 VDC
MC0603N330J500CT	TC		33 pF	± 5%	NPO	0603	50 VDC
MC0603N330J500CT	TR	4000	33 pF	± 5%	NPO	0603	50 VDC
MC0603N330K101CT	TC		33 pF	± 10%	NPO	0603	100 VDC
MC0603N330K500CT	TC		33 pF	± 10%	NPO	0603	50 VDC
MC0603N331J500CT	TC		330 pF	± 5%	NPO	0603	50 VDC
MC0603N331J500CT	TR	4000	330 pF	± 5%	NPO	0603	50 VDC
MC0603N331K500CT	TC		330 pF	± 10%	NPO	0603	50 VDC
MC0603N390J500CT	TC		39 pF	± 5%	NPO	0603	50 VDC
MC0603N390J500CT	TR	4000	39 pF	± 5%	NPO	0603	50 VDC
MC0603N390K500CT	TC		39 pF	± 10%	NPO	0603	50 VDC
MC0603N391J500CT	TC		390 pF	± 5%	NPO	0603	50 VDC
MC0603N391J500CT	TR	4000	390 pF	± 5%	NPO	0603	50 VDC
MC0603N391K500CT	TC		390 pF	± 10%	NPO	0603	50 VDC
MC0603N3R0C500CT	TR	4000	3 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N3R0C500CT	TC		3 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N3R0D500CT	TC		3 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N470J101CT	TC		47 pF	± 5%	NPO	0603	100 VDC
MC0603N470J101CT	TR	4000	47 pF	± 5%	NPO	0603	100 VDC
MC0603N470J500CT	TC		47 pF	± 5%	NPO	0603	50 VDC
MC0603N470J500CT	TR	4000	47 pF	± 5%	NPO	0603	50 VDC
MC0603N470K101CT	TC		47 pF	± 10%	NPO	0603	100 VDC
MC0603N470K500CT	TC		47 pF	± 10%	NPO	0603	50 VDC
MC0603N471J500CT	TR	4000	470 pF	± 5%	NPO	0603	50 VDC
MC0603N471J500CT	TC		470 pF	± 5%	NPO	0603	50 VDC

Manufacturers part number	Sell Unit of Measure	Reel Quantity	Capacitance	Capacitance Tolerance	Dielectric Characteristic	Package/Case	Voltage Rating
MC0603N471K500CT	TC		470 pF	± 10%	NPO	0603	50 VDC
MC0603N4R0C500CT	TC		4 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N4R0C500CT	TR	4000	4 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N4R0D500CT	TC		4 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N560J500CT	TC		56 pF	± 5%	NPO	0603	50 VDC
MC0603N560J500CT	TR	4000	56 pF	± 5%	NPO	0603	50 VDC
MC0603N560K500CT	TC		56 pF	± 10%	NPO	0603	50 VDC
MC0603N561J500CT	TC		560 pF	± 5%	NPO	0603	50 VDC
MC0603N561J500CT	TR	4000	560 pF	± 5%	NPO	0603	50 VDC
MC0603N561K500CT	TC		560 pF	± 10%	NPO	0603	50 VDC
MC0603N5R0C500CT	TC		5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N5R0C500CT	TR	4000	5 pF	± 0.25pF	NPO	0603	50 VDC
MC0603N5R0D500CT	TC		5 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N680J101CT	TC		68 pF	± 5%	NPO	0603	100 VDC
MC0603N680J101CT	TR	4000	68 pF	± 5%	NPO	0603	100 VDC
MC0603N680J500CT	TC		68 pF	± 5%	NPO	0603	50 VDC
MC0603N680J500CT	TR	4000	68 pF	± 5%	NPO	0603	50 VDC
MC0603N680K101CT	TC		68 pF	± 10%	NPO	0603	100 VDC
MC0603N680K500CT	TC		68 pF	± 10%	NPO	0603	50 VDC
MC0603N681J500CT	TC		680 pF	± 5%	NPO	0603	50 VDC
MC0603N681J500CT	TR	4000	680 pF	± 5%	NPO	0603	50 VDC
MC0603N681K500CT	TC		680 pF	± 10%	NPO	0603	50 VDC
MC0603N7R0D500CT	TC		7 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N7R0D500CT	TR	4000	7 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N820J500CT	TC		82 pF	± 5%	NPO	0603	50 VDC
MC0603N820J500CT	TR	4000	82 pF	± 5%	NPO	0603	50 VDC
MC0603N820K500CT	TC		82 pF	± 10%	NPO	0603	50 VDC
MC0603N821J500CT	TC		820 pF	± 5%	NPO	0603	50 VDC
MC0603N821J500CT	TR	4000	820 pF	± 5%	NPO	0603	50 VDC
MC0603N821K500CT	TC		820 pF	± 10%	NPO	0603	50 VDC
MC0603N8R0D500CT	TC		8 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N8R0D500CT	TR	4000	8 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N9R0D500CT	TR	4000	9 pF	± 0.5pF	NPO	0603	50 VDC
MC0603N9R0D500CT	TC		9 pF	± 0.5pF	NPO	0603	50 VDC

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