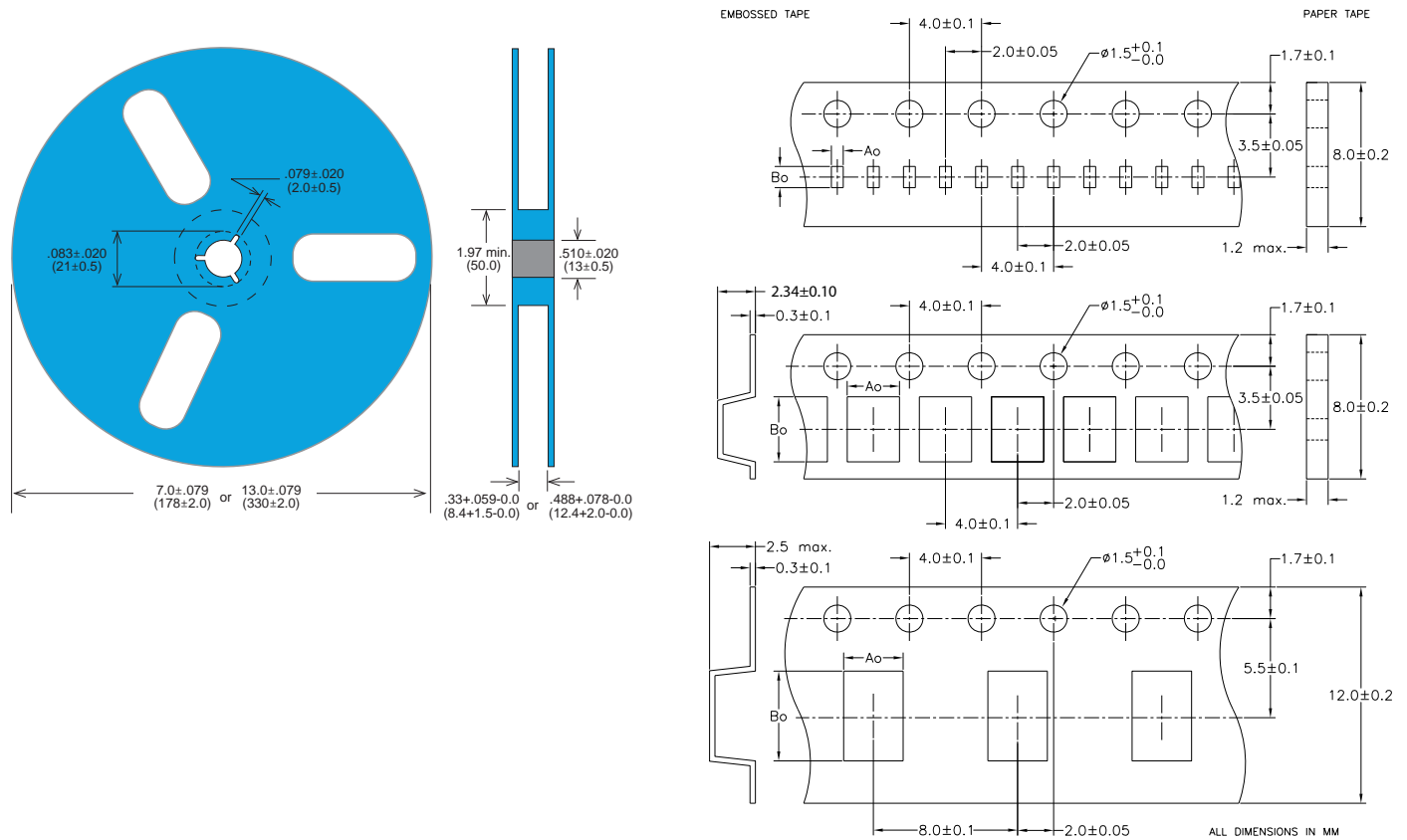


CHIP CAPACITOR PACKAGING INFORMATION

Johanson capacitors are available taped per EIA standard 481. Tape options include 5", 7" and 13" diameter reels. Johanson uses high quality, dust free, punched 8mm paper tape and plastic embossed 8mm tape for thicker MLCs. Quantity per reel ranges are listed in the tables below and are dependent on chip thickness.



TYPE / SIZE	5" DIA. REEL SIZE			7" DIA. REEL SIZE			13" DIA. REEL SIZE		
	REEL QUANTITY	TAPE TYPE	TAPE CODE	REEL QUANTITY	TAPE TYPE	TAPE CODE	REEL QUANTITY	TAPE TYPE	TAPE CODE
R05 / 0201	500	Paper	Y	15,000	Paper	T	50,000	Paper	R
R07 / 0402	500	Paper	Y	10,000	Paper	T	N/A	N/A	N/A
R14 / 0603	500	Paper	Y	4,000	Paper	T	10,000	Paper	R
R15 / 0805	500	Embossed	Z	4,000	Embossed	E	10,000	Embossed	U
R15 / 0805 Vertical	500	Embossed	Q	3,000	Embossed	P	N/A	N/A	N/A
S42 / 1111	500	Embossed	Z	2,000	Embossed	E	10,000	Embossed	U
S42 / 1111 Vertical	500	Embossed	Q	1,000	Embossed	P	N/A	N/A	N/A
S48 / 2525	N/A			250	Embossed	E	1,000	Embossed	U
S58 / 3838	N/A			250	Embossed	E	1,000	Embossed	U
LASERtrim® (All)	500	Paper	Y	4.5-5.0K	Paper	T	15,000	Paper	R

SUBSTRATES – DEPENDS ON SIZE, TYPICAL IS 10/BOX; CAP ARRAYS - 100/TRAY
 SINGLE LAYER CAPACITORS - UP TO 50 MIL, 400/WAFFLE PACK; > 50 MIL, 100/WAFFLE PACK
 SLC'S CAN ALSO BE MOUNTED ON GRIP RINGS AND GELPAKS® AND SHIPPED IN BULK
 CUSTOM PACKAGING AND QUANTITIES ARE AVAILABLE, CONTACT THE FACTORY FOR OPTIONS
 PLEASE VISIT OUR WEB SITE FOR RF CERAMIC COMPONENT PACKAGING INFORMATION.