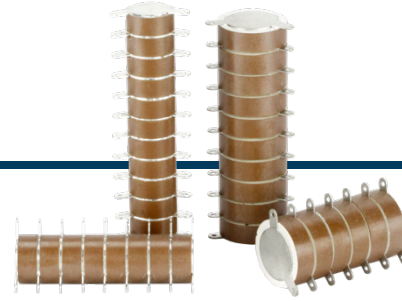




ST3 SERIES

10 to 12kV, 500 to 1000pF
Capacitor Stacks



Features

- Capacitor Stacks with 140° Solder Tabs, Class II
- Silver Plated Electrodes
- Use in Oil or Encapsulated
- Multiple Configurations Standard; Custom Versions Available

Specifications

Part Number	C ¹ pF	Tolerance ±%	V _{RATE} ² VDC	V _{WITHSTAND} VDC	# of Discs	L ³ in [mm]	D ³ in [mm]	T ⁴ in [mm]	A ⁵ in [mm]
Y5P Dielectric Subseries									
ST3Y5P501M12KV04	500	20	12000	18000	4	0.79 [20.1]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV05	500	20	12000	18000	5	0.99 [25.1]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV06	500	20	12000	18000	6	1.18 [30.1]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV07	500	20	12000	18000	7	1.38 [35.0]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV08	500	20	12000	18000	8	1.57 [40.0]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV09	500	20	12000	18000	9	1.77 [45.0]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV10	500	20	12000	18000	10	1.97 [49.9]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV11	500	20	12000	18000	11	2.16 [54.9]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P501M12KV12	500	20	12000	18000	12	2.36 [59.9]	0.39 [10.0]	0.18 [4.5]	0.33 [8.4]
ST3Y5P102M10KV04	1000	20	10000	15000	4	0.69 [17.6]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV05	1000	20	10000	15000	5	0.87 [22.0]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV06	1000	20	10000	15000	6	1.04 [26.3]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV07	1000	20	10000	15000	7	1.21 [30.7]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV08	1000	20	10000	15000	8	1.38 [35.0]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV09	1000	20	10000	15000	9	1.55 [39.3]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV10	1000	20	10000	15000	10	1.72 [43.7]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV11	1000	20	10000	15000	11	1.89 [48.0]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M10KV12	1000	20	10000	15000	12	2.06 [52.3]	0.52 [13.1]	0.16 [3.9]	0.38 [9.7]
ST3Y5P102M12KV04	1000	20	12000	18000	4	0.85 [21.5]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV05	1000	20	12000	18000	5	1.06 [26.8]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV06	1000	20	12000	18000	6	1.26 [32.1]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV07	1000	20	12000	18000	7	1.47 [37.4]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV08	1000	20	12000	18000	8	1.68 [42.7]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV09	1000	20	12000	18000	9	1.89 [48.0]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV10	1000	20	12000	18000	10	2.10 [53.3]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV11	1000	20	12000	18000	11	2.31 [58.6]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]
ST3Y5P102M12KV12	1000	20	12000	18000	12	2.52 [63.9]	0.57 [14.5]	0.19 [4.8]	0.38 [9.7]

¹Capacitance per disc with a 20% tolerance.

²Rated voltage per disc, dielectric withstand 150% of rated.

³Maximum dimension.

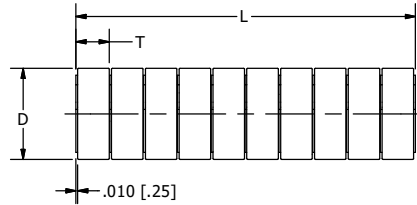
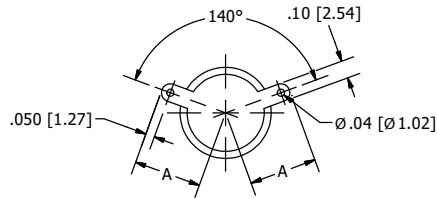
⁴T has a ±10% tolerance.

⁵A has a ±0.040in [1.02mm] tolerance.



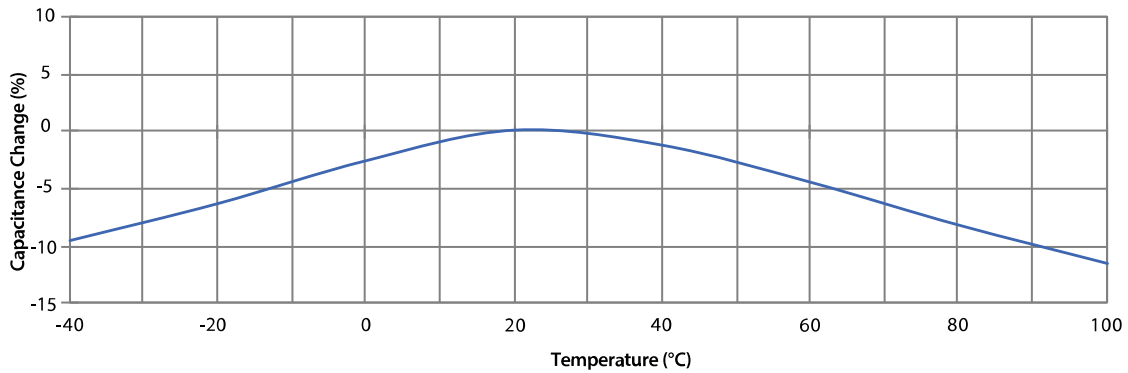
ST3 SERIES

Drawings



Dimensions in inches [mm]

Y5P TYPICAL TEMPERATURE CHARACTERISTICS CURVE



Note: Specifications subject to change without notice. Photo is representation only.

