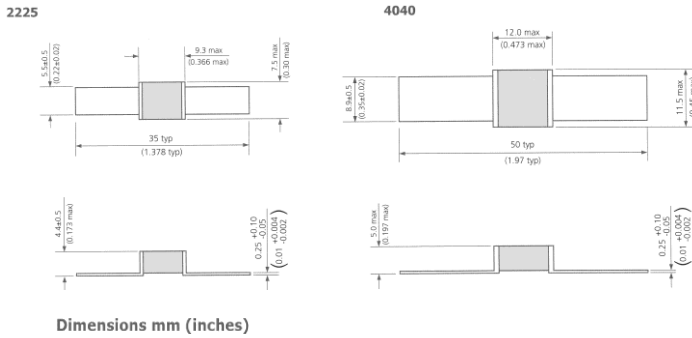


Range Dimensions – Ribbon Leded



Electrical Details	
Dielectric Material	High Q COG Ceramic
TCC	0 ± 30ppm/°C
Insulation Resistance (IR)	100GΩ Minimum @ 100Vdc
Temperature Rating	-55°C to +125°C
Mechanical Details	
Ribbon Material	Copper
Ribbon Finish	Silver Plate
Attachment Solder	HMP (MP > 260°C)
Coating (when specified)	Modified Silicone Lacquer
NON-MAGNETIC	

Range Dimensions – Surface Mount

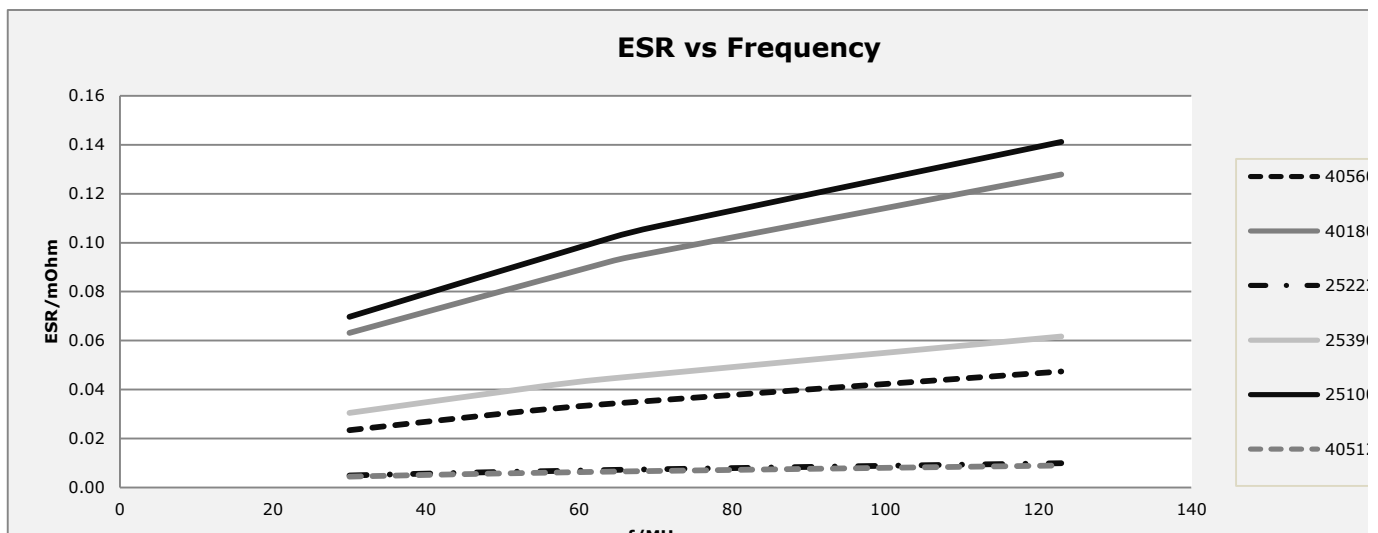
Size	Length (L1) mm/inches	Width (W) mm/inches	Max. Thickness (T) mm/inches	Termination Band (L2) mm/inches	
				min	max
2225	5.7 ± 0.4	6.3 ± 0.4	4.2	0.25	1.0
	0.225 ± 0.016	0.25 ± 0.016	0.16	0.01	0.04
4040	10.2 ± 0.5	10.2 ± 0.5	4.2	0.5	1.5
	0.402 ± 0.020	0.402 ± 0.020	0.16	0.02	0.06

Minimum/maximum capacitance values

	Case Size 25 - 2225		Case Size 40 - 4040	
	Min	Max	Min	Max
200V	6.2nF	10nF	16nF	27nF
500V	5.1nF	5.6nF	13nF	15nF
630V	3.9nF	4.7nF	12nF	12nF
1kV	1.2nF	3.3nF	5.6nF	10nF
2kV	510pF	1.0nF	1.6nF	5.1nF
3kV	1pF	47pF*/470pF	910pF	1.5nF
4kV	-	-	620pF	820pF
5kV	-	-	390pF	560pF
6kV	-	-	160pF	330pF
7.2kV	-	-	1pF	56pF**/150pF

*2225 – 47pF max. for dual rated @2.5kVac 30MHz **4040 – 56pF max. for dual rated @5kVac 30MHz

Typical ESR Values



ESR Measurement

All ESR figures are measured using a VNA & 2m copper resonant tube and extrapolating to 30MHz by ratio. Measured data can be supplied on request. Measurement of ESR can vary with test method and components should only be compared when tested back-to-back on the same equipment under controlled conditions.

RoHS Compliance

RoHS compliant to 2011/65/EU. Exemption 7(a) "Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead)" applies.

Ordering Information

Chip size	Capacitance	Tolerance	Voltage	Termination	Material	Packing/Leading
40	390	J	7200	2	Q	B
25 = 2225 40 = 4040	0R1 = 0.1pF 100 = 10pF 101 = 100pF 102 = 1000pF	A = ±0.05pF B = ±0.1pF C = ±0.25pF D = ±0.5pF F = ±1% G = ±2% J = ±5% K = ±10%	50 = 50V 100 = 100V 7200 = 7200V Etc.	2 = Ag/Cu/Sn B = Silver (Ribbon only) V = Silver, laquer coated (Ribbon only)	Q = High Q 0±30ppm/°C	B = Bulk packed R = Ribbon Leaded, bulk packed