

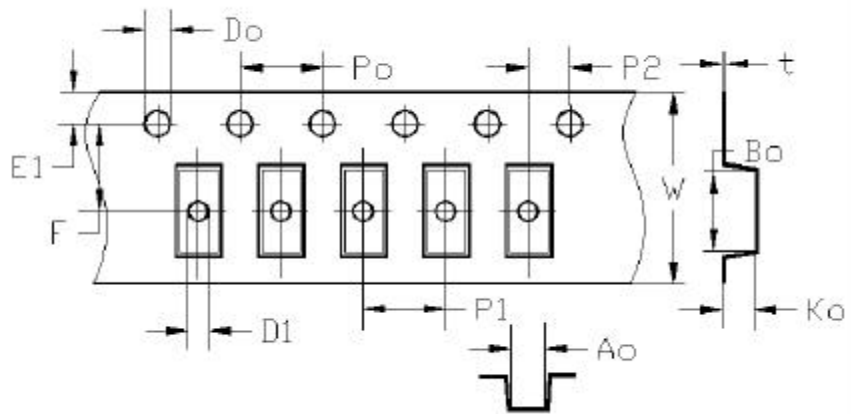
Packaging and Storage

Packaging

AEM's multilayer components are provided on tape-and-reel for use in pick-and-place machines or in bulk for special applications. Both tape-and-reel and bulk products are sealed in plastic bags with desiccant. The reel size can be 7 inch or 13 inch, depending on customers' preference.

• Dimensions of Plastic Embossed Tape in Inches (mm)

Tape	Ao	Bo	Ko
0402 (1005)	0.026 ± 0.004 (0.65 ± 0.1)	0.045 ± 0.004 (1.15 ± 0.1)	0.031 ± 0.004 (0.8 ± 0.1)
0603 (1608)	0.043 ± 0.004 (1.1 ± 0.1)	0.075 ± 0.004 (1.9 ± 0.1)	0.043 ± 0.004 (1.1 ± 0.1)
0805 (2012)	0.063 ± 0.004 (1.6 ± 0.1)	0.093 ± 0.004 (2.4 ± 0.1)	0.046 ± 0.004 (1.2 ± 0.1)
1206 (3216)	0.071 ± 0.004 (1.8 ± 0.1)	0.138 ± 0.004 (3.5 ± 0.1)	0.048 ± 0.004 (1.2 ± 0.1)
1806 (4516)	0.075 ± 0.004 (1.9 ± 0.1)	0.193 ± 0.004 (4.9 ± 0.1)	0.079 ± 0.004 (2.0 ± 0.1)



Other sizes can be provided upon customer's request.

Tape	E_1	F	W	P_1	P_o	P_2	D_o	D_1	t
0402(1005)	0.069 ± 0.004 (1.75 ± 0.10)	0.138 ± 0.002 (3.50 ± 0.05)	0.318 ± 0.004 (8.1 ± 0.1)	0.079 ± 0.004 (2.0 ± 0.1)	0.157 ± 0.004 (4.0 ± 0.1)	0.040 ± 0.002 (1.00 ± 0.05)	0.059 ± 0.004 (1.5 ± 0.1/-0.0)	N/A	0.009 ± 0.001 (0.23 ± 0.02)
0603(1608)									
0805(2012)									
1206(3216)									
1806(4516)									

Other sizes can be provided upon customer's request.

Chip Size	Parts on 7 inch (178 mm) Reel	Parts on 13 inch (330 mm) Reel
0402(1005)	10,000	
0603(1608)	4,000	12,000
0805(2012)	2,000/4,000	10,000
1206(3216)	3,000	10,000
1806(3216)	2,000	10,000

Other sizes and chip quantities can be provided upon customer's request.

Storage Requirements

The maximum ambient temperature shall not exceed 40°C. Storage temperatures higher than 40°C could result in the deformation of packaging materials. The maximum relative humidity recommended for storage is 70%. High humidity with high temperature can accelerate the oxidation of the tin-lead plating on the termination and reduce the solderability of the components. Sealed plastic bags with desiccant shall be used to reduce the oxidation of the termination and shall only be opened prior to use. The products shall not be stored in areas where harmful gases containing sulfur or chlorine are present.