

FRG Series tape and reel specifications (dimensions in millimeters)**Product availability : FRG250-16F ~ FRG700-16F**

Dimension Description	MARK	Dimension	
		Dim (mm)	Tol. (mm)
Carrier tape width	W	18	± 1.0
Hold down tape width	W4	11	min
Top distance between tape edges		3	max
Sprocket hole position	W5	9	± 0.75
Sprocket hole diameter	D0	4	± 0.2
Abscissa to plane (straight lead)	H	18.5	± 3.0
Abscissa to plane (kinked lead)	H0	16	± 1.0
Abscissa to top	H1	32.2	max
Overall width with lead protrusion FRG250-16F~FRG700-16F	C1	45.0	max
Overall width without lead protrusion FRG250-16F~FRG700-16F	C2	44.3	max
Lead protrusion	L1	1.0	max
Protrusion of cutout	L	11	max
Protrusion beyond hold-down tape	l2	not specified	
Sprocket hole pitch	P0	12.7	± 0.3
Device pitch : FRG250-16F~ FRG700-16F		12.7	± 0.3
Tape thickness	t	0.9	max
Tape thickness with splice		2.0	max
Body lateral deviation	Δh	0	± 2.0
Body tape plane deviation	ΔP	0	± 2.0
Ordinate to adjacent component lead FRG250-16F~ FRG700-16F	P1	3.81	± 0.7
Lead spacing : FRG250-16F~ FRG700-16F	F	5.1	± 0.6
Reel width	W2	56	max
Reel diameter	a	370	max
Space between flanges less device	W1	54	max
Arbor hole diameter	c	26	± 12
Core diameter	n	102	max

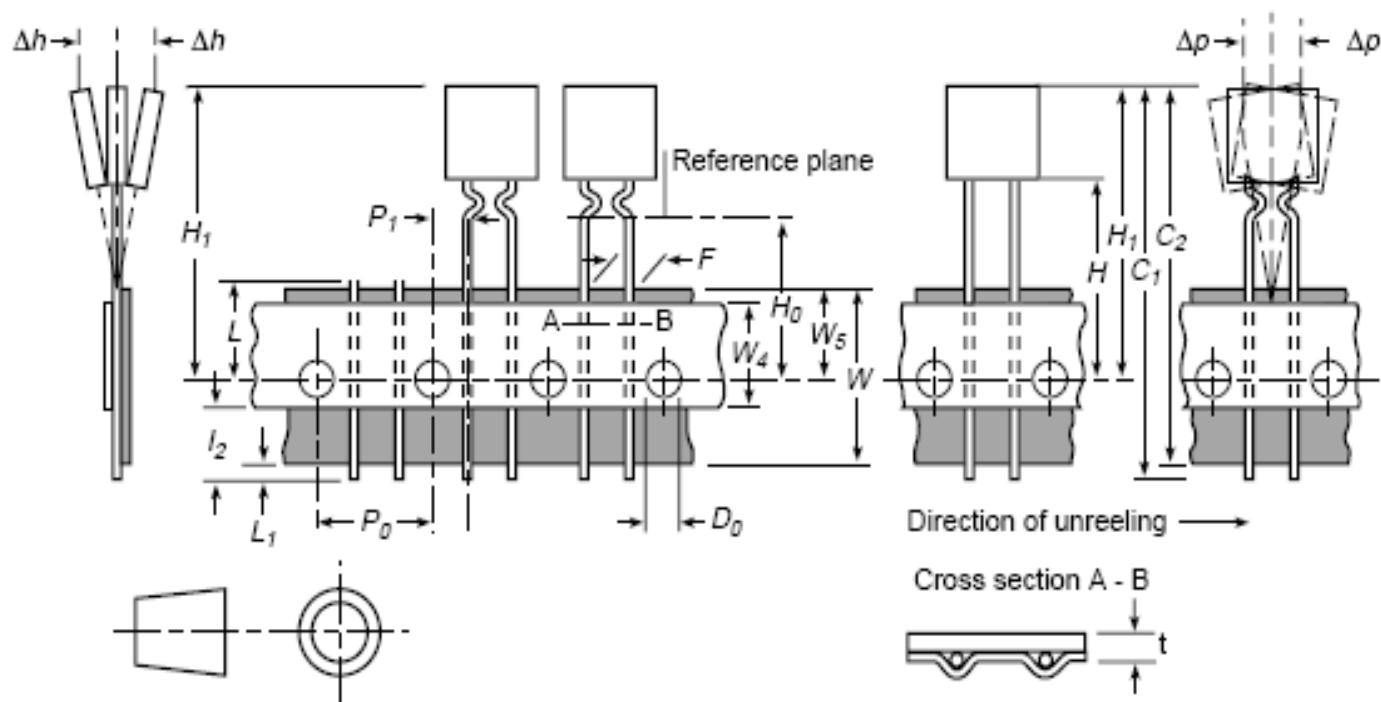


Figure 1 Taped Component Dimensions

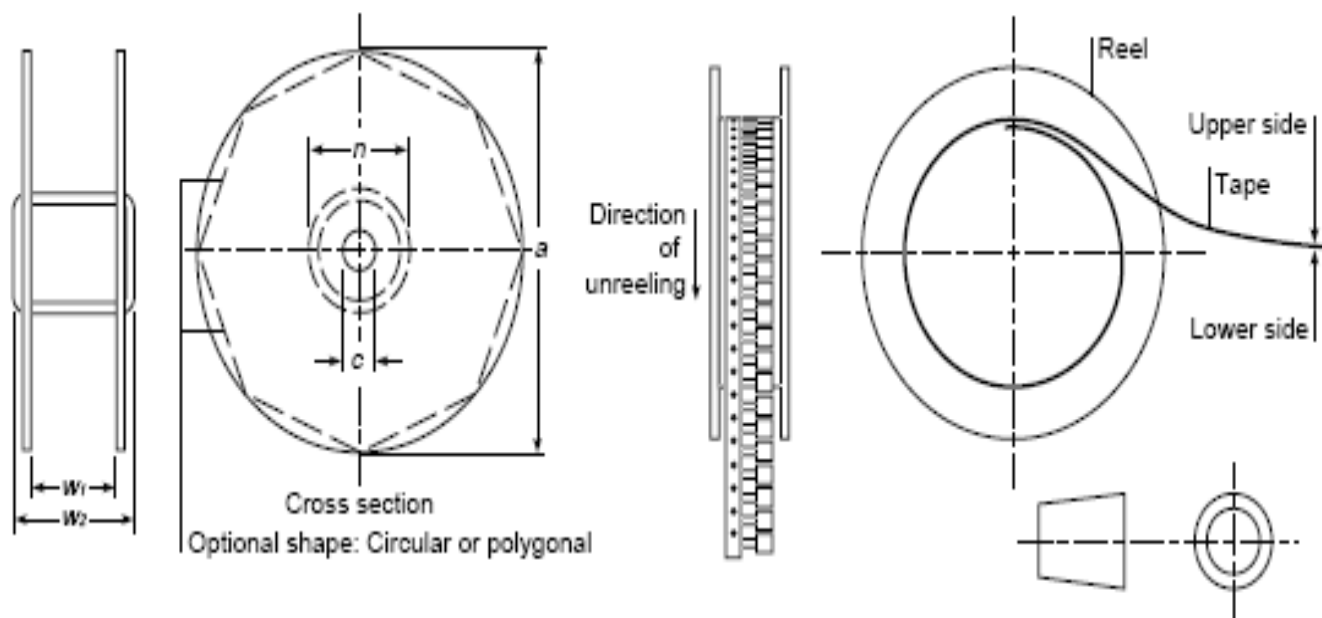


Figure 2 Reel Dimensions

Standard Package

P/N	Pcs /Bag	Reel/Tape
FRG250-16F	500	2500
FRG300-16F	500	2500
FRG400-16F	300	2500
FRG500-16F	300	2500
FRG600-16F	300	2500
FRG700-16F	200	1500

P/N	Pcs /Bag	Reel/Tape
FRG800-16F	200	-----
FRG900-16F	200	-----
FRG1000-16F	100	-----
FRG1100-16F	100	-----
FRG1200-16F	100	-----
FRG1400-16F	100	-----