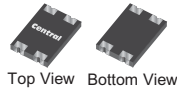
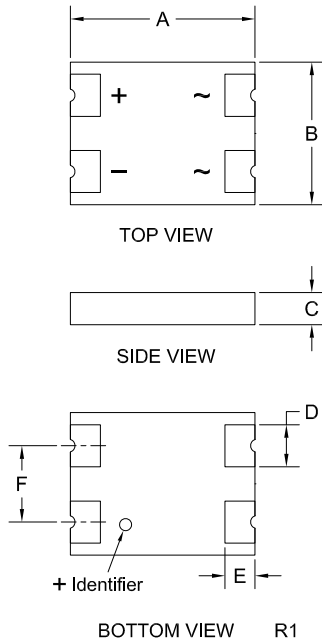


Package Details

BR DFN Case



Mechanical Drawing

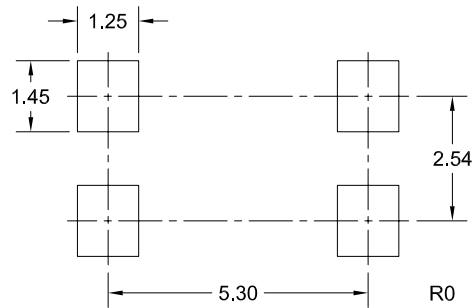


SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.238	0.246	6.05	6.25
B	0.183	0.191	4.65	4.85
C	0.032	0.048	0.81	1.22
D	0.053	0.057	1.35	1.45
E	0.037	0.041	0.95	1.05
F	0.098	0.102	2.49	2.59

BR DFN (REV: R1)

Part Marking: 5-6 Character Alpha/Numeric Code

Mounting Pad Geometry (Dimensions in mm)



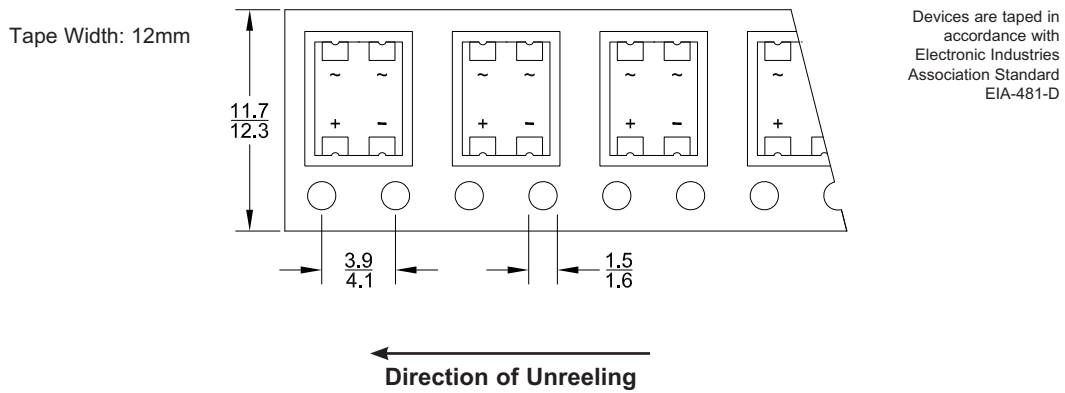
R1 (11-December 2019)

Package Details

BR DFN Case



Tape Dimensions and Orientation (Dimensions in mm)



Packaging Base

13" Reel = 5,000 pcs.

Reel Labeling Information

Each reel is labeled with the following information:

Central Part Number, Customer Part Number, Purchase Order Number, Quantity, Lot Number, Date Code and Ship Date.

Reel Packing Information

Reel Size	Reels per Box (Maximum)	Parts per Box (Maximum)	Box Dimensions		Shipping Weight (Max.)	
			INCH	CM	LB	KG
13"	5	25,000	15x4x15	38x10x38	9	5
	14	70,000	15x15x9	38x38x23	23	11
	26	130,000	15x15x18	38x38x46	42	20

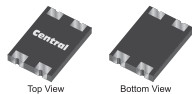
Ordering Information

- For devices taped and reeled on 13" reels, add TR13 suffix to part number.
- All SMDs are available in small quantities for prototype and manual placement applications.

R1 (11-December 2019)

Material Composition Specification

BR DFN Case



Device average mass 61 mg
 Fluctuation margin +/-10%

Component	Material	Material		Substance	CAS No.	Substance		
		(%wt)	(mg)			(%wt)	(mg)	(ppm)
active device	doped Si	3.11%	1.9	Si	7440-21-3	3.11%	1.9	31,148
leadframe	FR-4.1	60.49%	36.9	Cu	7440-50-8	30.25%	18.45	302,459
				continuous filament glass fibers	N/A	16.03%	9.78	160,328
				epoxy resin	N/A	11.49%	7.01	114,918
				reactive phosphorous resin	N/A	2.72%	1.66	27,213
die attach	high temperature solder	0.33%	0.2	Pb	7439-92-1	0.29%	0.176	2,885
				Sn	7440-31-5	0.03%	0.02	328
				Ag	7440-22-4	0.01%	0.004	66
encapsulation*	EMC GREEN	34.1%	21	silicon dioxides	14808-60-7	19.48%	11.89	194,836
				bis-phenol epoxy	25036-25-3	14.61%	8.9	146,148
plating	matte tin	1.97%	1.2	Sn	7440-31-5	1.97%	1.2	19,672

*EMC GREEN molding compound is Halogen-Free.

Disclaimer

The information provided in this Material Composition data sheet is, to the best of our knowledge, correct. However, there is no guarantee to completeness or accuracy, as some information is derived from data sources outside the company.

R0 (22-June 2020)