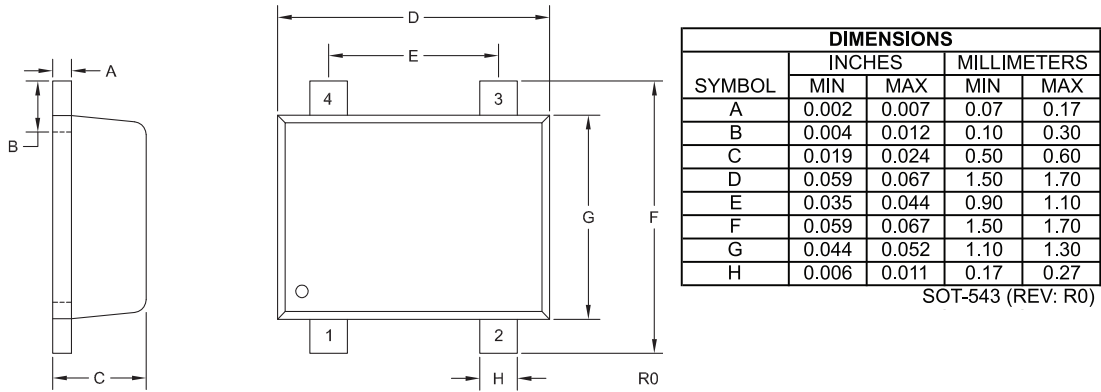


Package Details

SOT-543 Case



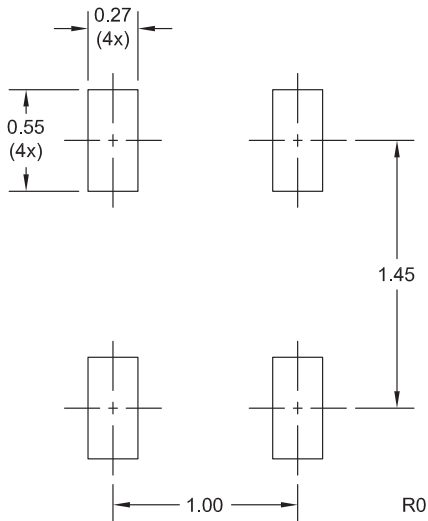
Mechanical Drawing



Lead Code:
Reference individual device datasheet.

Part Marking: 3-4 Character Alpha/Numeric Code

Mounting Pad Geometry (Dimensions in mm)



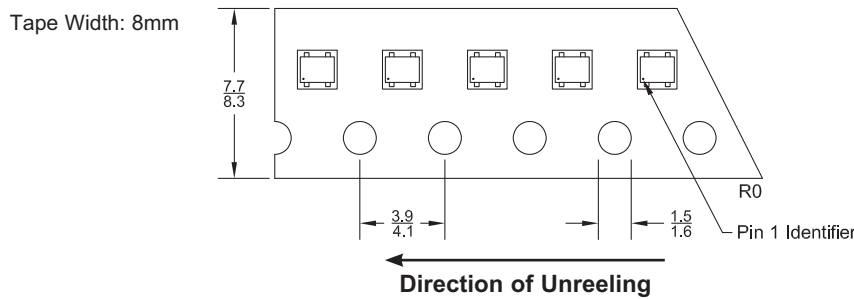
R0 (5-December 2012)

Package Details

SOT-543 Case



Tape Dimensions and Orientation (Dimensions in mm)



Devices are taped in accordance with Electronic Industries Association Standard EIA-481-D

Packaging Base

7" Reel = 3,000 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, Ship Date and Marking Code.

Reel Packing Information

Reel Size	Reels per Box (Maximum)	Parts per Box (Maximum)	Box Dimensions		Shipping Weight (Max.)	
			INCH	CM	LB	KG
7"	9	72,000	9x9x5	23x23x13	3	2
	18	144,000	9x9x9	23x23x23	6	3
	40	320,000	21x9x9	53x23x23	13	6
	108	864,000	27x9x17	69x23x43	34	16

Ordering Information

- For devices taped and reeled on 7" reels, add TR suffix to part number.
- All SMDs are available in small quantities for prototype and manual placement applications.

R0 (5-December 2012)

Material Composition Specification

SOT-543 Case



Device average mass **2.60 mg**
 Fluctuation margin **+/-10%**

Component	Material	Material		Substance	CAS No.	Substance		
		(%wt)	(mg)			(%wt)	(mg)	(ppm)
active device	doped Si	6.15%	0.16	Si	7440-21-3	6.15%	0.16	61,515
bond wire	gold or copper	1.54%	0.04	Au	7440-57-5	1.54%	0.04	15,379
				Cu	7440-50-8			
leadframe	Alloy 42	17.30%	0.45	Fe	7439-89-6	10%	0.26	99,962
				Ni	7440-02-0	7.3%	0.19	73,049
encapsulation	EMC GREEN	74.97%	1.95	silica	60676-86-0	57.67%	1.5	576,701
				epoxy resin	37382079-9	7.5%	0.195	74,971
				phenol resin	9003-35-4	7.5%	0.195	74,971
				carbon black	1333-86-4	0.19%	0.005	1,922
				metal hydroxide	1309-42-8	2.11%	0.055	21,146
plating	matte tin	0.04%	0.001	Sn	7440-31-5	0.04%	0.001	384

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 (18-December 2012)