



GENERAL SPECIFICATION

Tape and Reel packaging Solder Preforms

LF305

Alloy: Sn96.5Ag3Cu0.5

GENERAL SPECIFICATION

Gen.Spec.No:FGS879013LF

Date of Prepared : March 7, 2015

Rev: A6523122231



PRODUCT DESCRIPTION

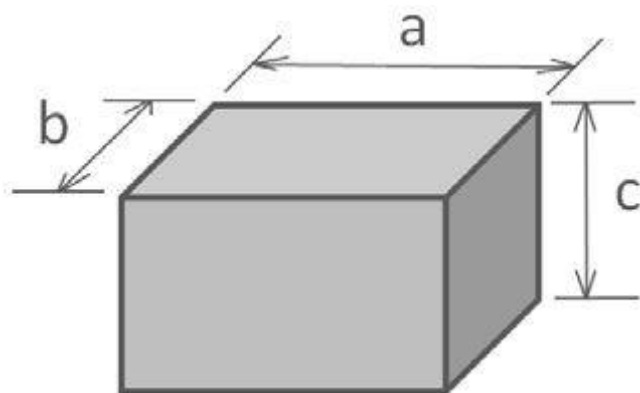
Our solder preforms are used in a variety of applications that require precise amounts of solder. Dimensions can be held to tight tolerances to assure volume accuracy. Solder preforms are available in a range of alloys. Including lead, lead-free and many others. Tape and reel are available in rectangles 1206, 0805, 0603, 0402, 0201 sizes to accommodate the automated process.

CHEMICAL COMPOSITION OF ALLOY

96.5%Tin, 3%Silver and 0.5%Copper solder preforms in terms of composition of alloy is controlled strictly under international Lead-Free Specification

Elements		Specification(%wt/wt)
Tin	Sn	Remainder
Silver	Ag	2.80-3.20
Copper	Cu	0.40-0.60
Lead	Pb	Max0.050
Aluminium	Al	Max0.005
Antimony	Sb	Max0.100
Arsenic	As	Max0.030
Bismuth	Bi	Max0.050
Iron	Fe	Max0.010
Zinc	Zn	Max0.003
Cadmium	Cd	Max0.005
Nickel	Ni	Max0.010
Indium	In	Max0.050
Gold	Au	Max0.050

PRODUCT INFORMATION



Legend

a = length

b = width

c = thickness

Tolerance (mm) a b c

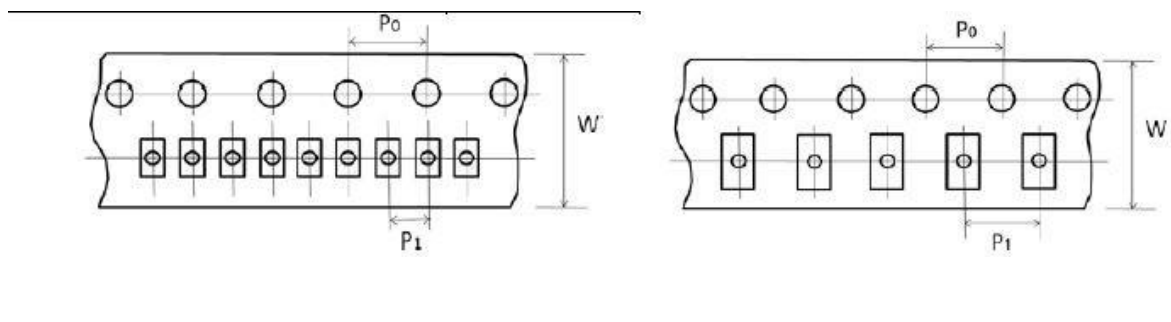
Regular ±0.05 ±0.05 ±10%

Size		Dimensions			Volume
		a	b	c	
Inch	mm	mm			mm ³
0201	0603	0.50	0.25	0.25	0.031
0402	1005	1.00	0.50	0.50	0.250
0603	1608	1.60	0.80	0.80	1.024
0805	2012	2.03	1.27	1.00	2.580
1206	3216	3.20	1.60	1.60	8.19

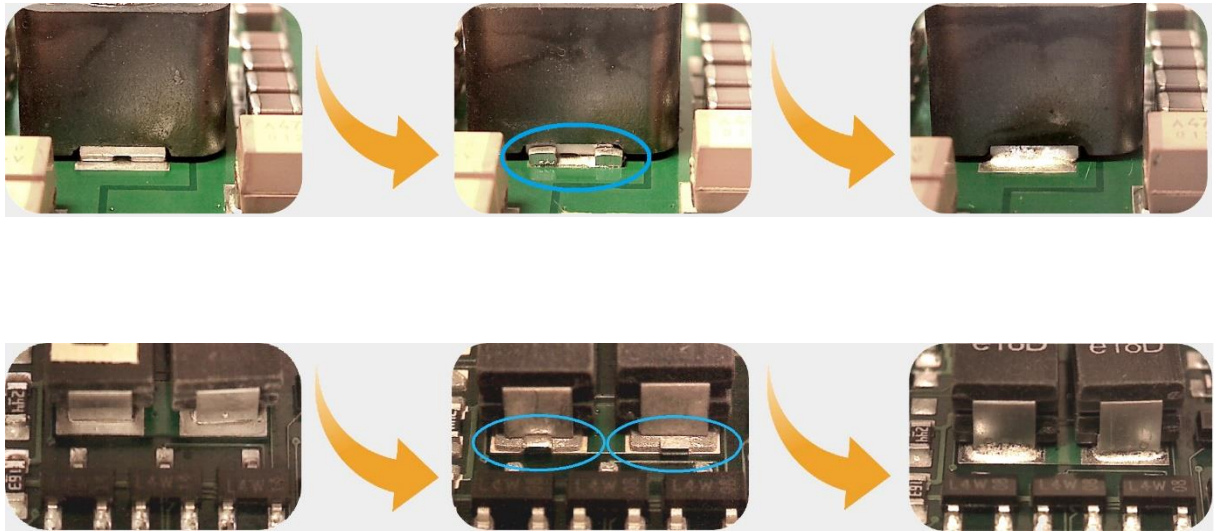
TECHNICAL DATA

Norm	Alloy		Solidus / Liquidus °C
J-STD-006B	Lead free	SnAg3Cu0.5	217 – 221

Packaging			
Carrier Tape Width			8mm
Pitch	P0		4mm
	P1	≤ 0402	2mm
		≥ 0402	4mm
Reel Size			7" & 13"



AN EXAMPLE OF USE



PACKAGE

2000pcs/roll, 5000pcs/roll, 10000pcs/roll, 15000pcs/roll

We can package quantities per roll base on customer's requirement.

STORAGE AND LIFE

Preformed solder should be stored under the environment with relative humidity lower than 55%, and temperature lower than 22°C. Normally one year storage time.

The information and statements herein are believed to be reliable but are not to be regarded as a warranty or representation for which we assure legal responsibility.