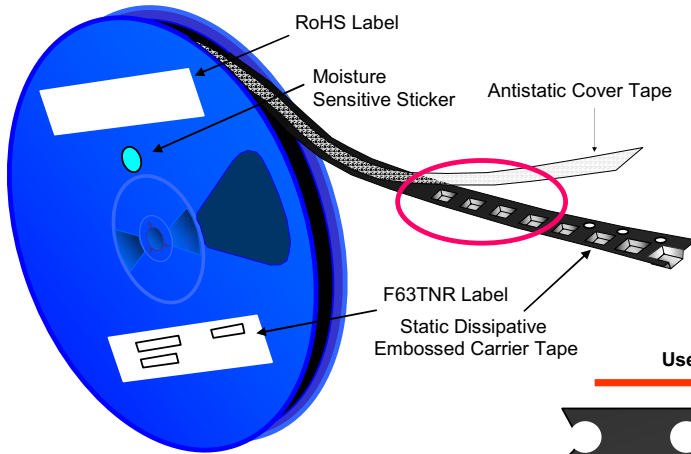


1.0 x 1.5 mm WL-CSP Tape and Reel Data



1.0 x 1.5 mm WL-CSP Packaging Configuration: Figure 1.0

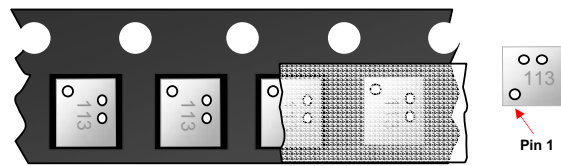


Packaging Description:

1.0 x 1.5 mm WL-CSP parts are shipped in tape and reel. The carrier tape is made from a dissipative (carbon filled) polycarbonate resin. The cover tape is a multilayer film (Pressure Sensitive Adhesive in nature) primarily composed of polyester film, adhesive layer, sealant, and anti-static sprayed agent. These reeled parts in standard option are shipped with 5,000 units per 7" or 177cm diameter reel. The reels are dark blue or black in color and is made of polystyrene plastic (anti-static coated).

These full reels are individually labeled, vacuum packed and placed inside a standard box made of recyclable corrugated brown paper with a Fairchild logo printing. One box contains one reel maximum. Multiple of this box are placed inside a labeled shipping box which comes in different sizes depending on the number of parts shipped.

User Direction of Feed



1.0 x 1.5 mm WL-CSP Unit Orientation

FC-09B Mosfet BGA Packaging Information

Packaging Option	Standard (no flow code)
Packaging type	TNR
Qty per Reel/Tube/Bag	5,000
Reel Size	7" Dia
Box Dimension (mm)	254x203x40
Max qty per Box	5,000
Weight per unit (gm)	0.0165
Weight per Reel (kg)	0.4077
Note/Comments	

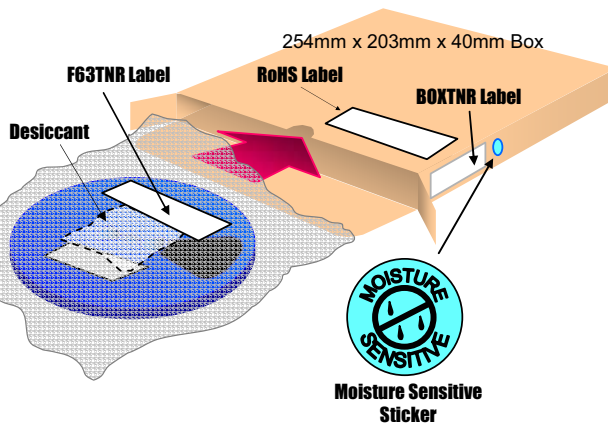
F63TNR Label sample

LOT: D010125632 QTY: 5000
 PART ID: FDZ191P SPEC:
 D/C1: D0615AB QTY1: SPEC REV:
 D/C2: QTY2: CPN:
 FAIRCHILD SEMICONDUCTOR CORPORATION (F63TNR)

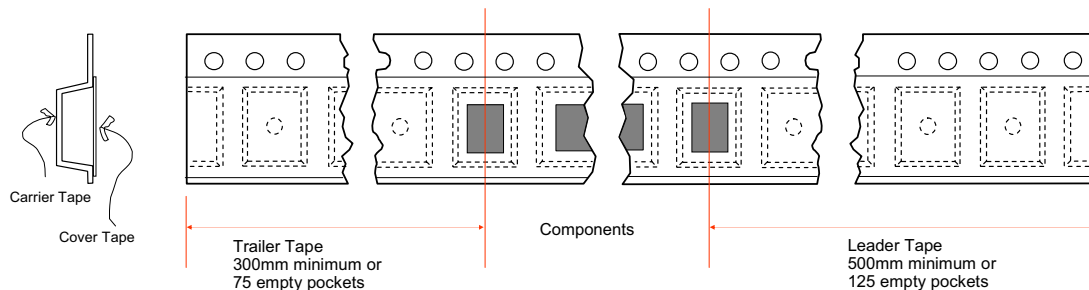
BOXTNR Label sample

LOT: D010125632 QTY: 5000
 PART ID: FDZ191P SPEC:
 D/C1: D0615AB QTY1: SPEC REV:
 D/C2: QTY2: CPN:
 FAIRCHILD SEMICONDUCTOR CORPORATION (BOXTNR)

9 x 12 inch Bag



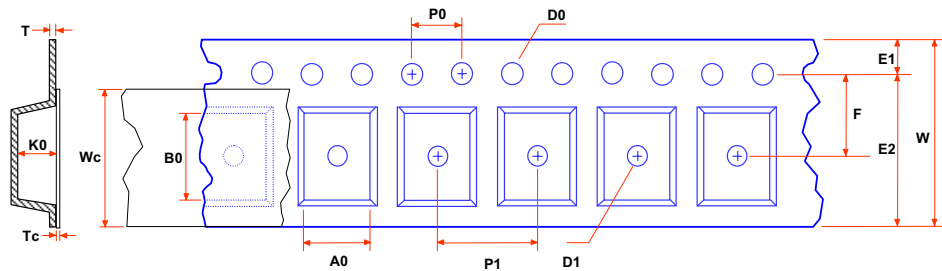
1.0 x 1.5 mm WL-CSP Tape Leader and Trailer Configuration: Figure 2.0



1.0 x 1.5 mm WL-CSP Tape and Reel Data, continued

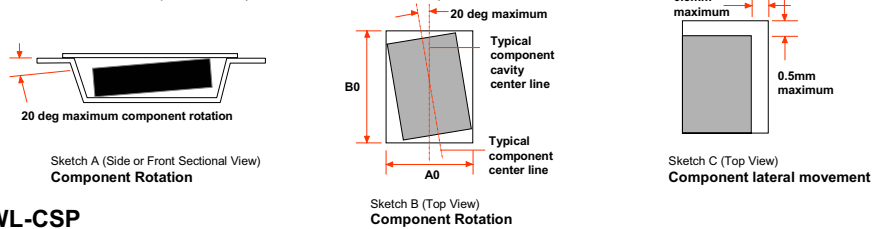
1.0 x 1.5 mm WL-CSP

Embossed Carrier Tape Configuration: Figure 3.0



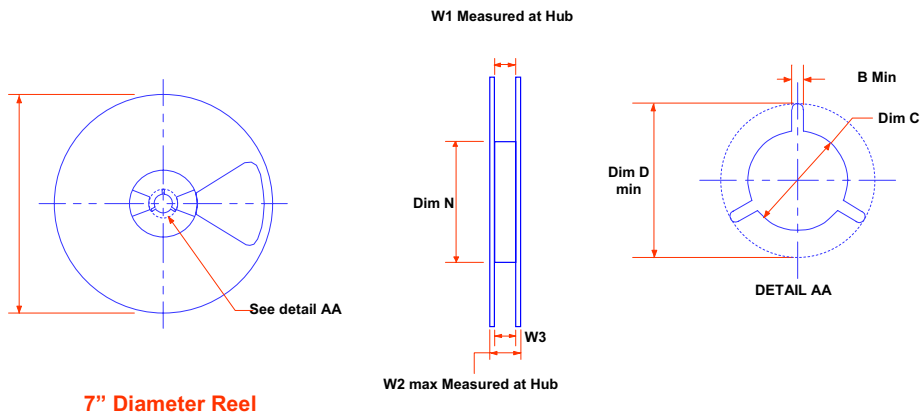
Dimensions are in millimeter (mm)														
Pkg type	Ao	Bo	Ko	Do	D1	E1	E2	F	P1	Po	T	W	Wc	Tc
WL-CSP (8mm)	1.19 +/- 0.05	1.69 +/- 0.05	0.68 +/- 0.05	1.50 +/- 0.10	0.60 +/- 0.05	1.75 +/- 0.10	6.25 min	3.5 +/- 0.05	4.0 +/- 0.10	4.0 +/- 0.10	0.254 +/- 0.02	8.0 +/- 0.10	5.2 +/- 0.10	0.05 +/- 0.02

Notes: A0, B0, and K0 dimensions are determined with respect to the EIA/Jedec RS-481 rotational and lateral movement requirements (see sketches A, B, and C).



1.0 x 1.5 mm WL-CSP

Reel Configuration: Figure 4.0



Dimensions are in inches and millimeters									
Tape Size	Reel Option	Dim A	Dim B	Dim C	Dim D	Dim N	Dim W1	Dim W2	Dim W3 (LSL-USL)
8mm	7" Dia	7.00 177.8	0.059 1.5	512 +0.020/-0.008 13 +0.5/-0.2	0.795 20.2	2.165 55	0.331 +0.059/-0.000 8.4 +1.5/0	0.567 14.4	0.311 - 0.429 7.9 - 10.9