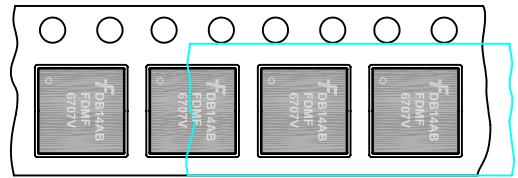
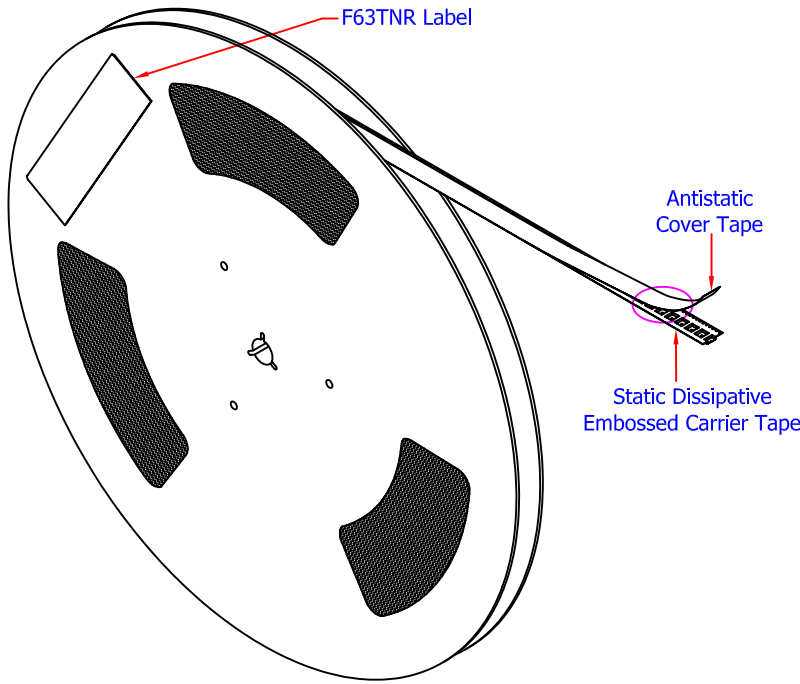


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REVISIONS				
REV	DESCRIPTION	ECN	DATE	NAME/SITE
1	RELEASE TO DOCUMENT CONTROL	CB1572/11	25MAR11	FSCP

6x6 PQFN Packaging Configuration: Figure 1.0



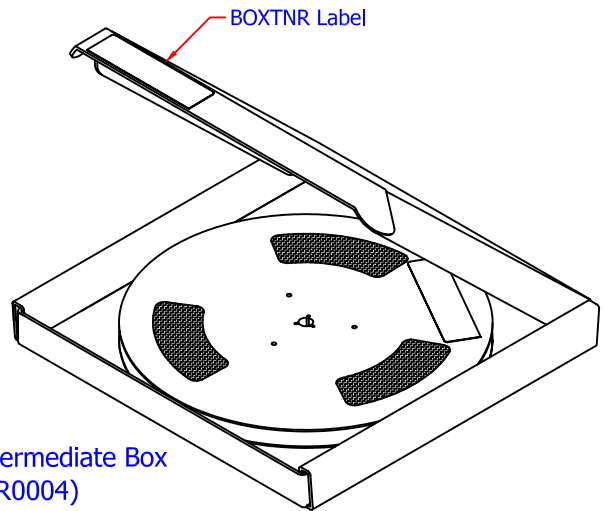
6x6 PQFN Unit Orientation

Packaging Description:

6x6 PQFN parts are shipped in tape. The carrier tape is made from a conductive / dissipative (carbon filled) polycarbonate resin or polystyrene. The cover tape is a multilayer film HAA (Heat Activated 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 3,000 units per 13" or 330mm 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 barcode labeled, and placed inside a standard box (illustrated in figure 1.0) made of recyclable corrugated brown paper. One pizza box contains two reels maximum. And these boxes are placed inside a barcode labeled shipping box which comes in different sizes depending on the number of parts shipped.

6x6 PQFN Packaging information	
Packaging Option	Standard (no flow code)
Packaging type	TNR
Qty per Reel/Tube/Bag	3000
Reel Size	13" Dia
Box Dimension (mm)	INTR0004
Max qty per Box	6,000
Weight per unit (gm)	0.1230
Weight per reel (kg)	0.7310
Note/Comments	



Standard Intermediate Box (INTR0004)

Barcode Label Sample

LOT: DC10324746 QTY: 3000

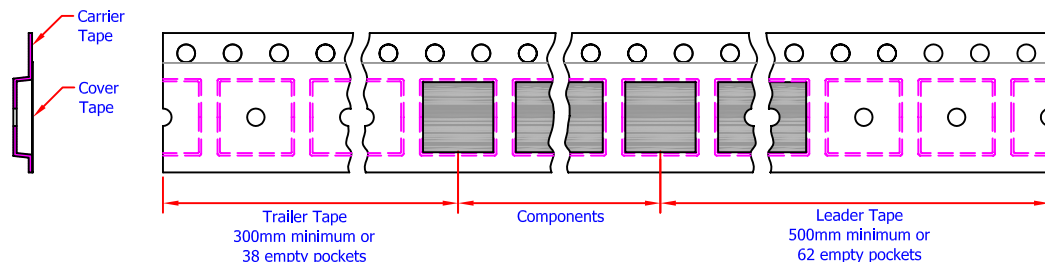
FSID: FDMF6707V SPEC:

D/C1: D1114AB QTY1: SPEC REV: 2nd Level Interconnect

D/C2: QTY2: Green Component RoHS COMPLIANT

1. Category G4
2. Maximum safe temperature 260 deg C
3. MSL 1
FAIRCHILD SEMICONDUCTOR (F63TNR) 6,1

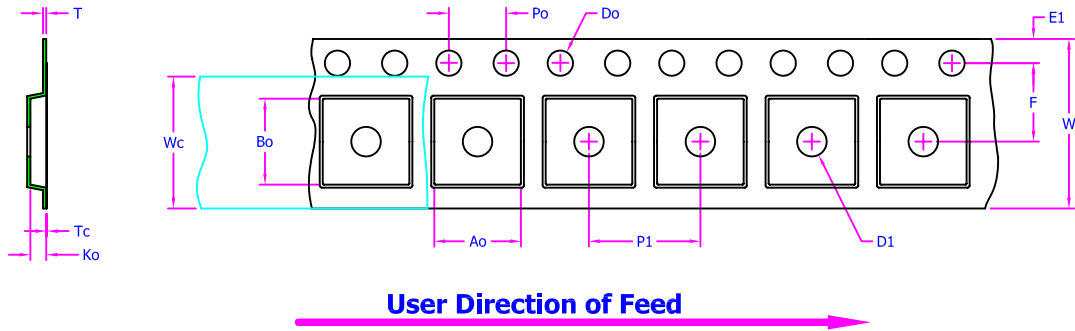
6x6 PQFN Tape Leader and Trailer Configuration: Figure 2.0



APPROVALS	DATE	FAIRCHILD SEMICONDUCTOR™			
DRAWN: G. I. GEQUILLO	25MARCH'11	6x6 PQFN PACKAGING CONFIGURATION			
CHECKED: J. BARRING					
APPROVED: M. R. GESTOLE					
J. A. ORTEGA					
PROJECTION		SCALE	SIZE	DRAWING NUMBER	REV
INCH (MM)		1:1		(CB)50-0029	1
		FORMERLY: N/A	SHEET: 1 OF 2		

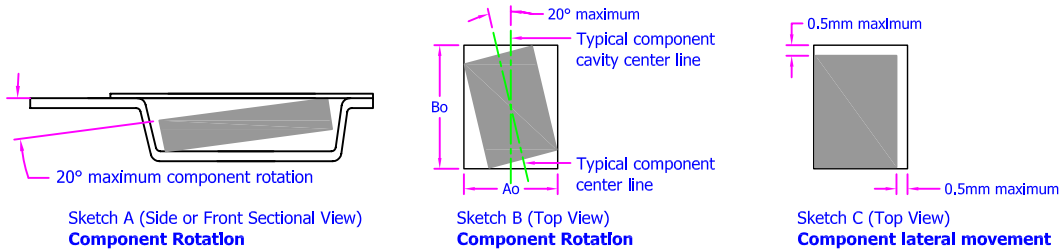
REVISIONS				
REV	DESCRIPTION	ECN	DATE	NAME/SITE
1	RELEASE TO DOCUMENT CONTROL	CB/572/11	25MAR'11	FSCP

6x6 PQFN Embossed Carrier Tape Configuration: Figure 3.0

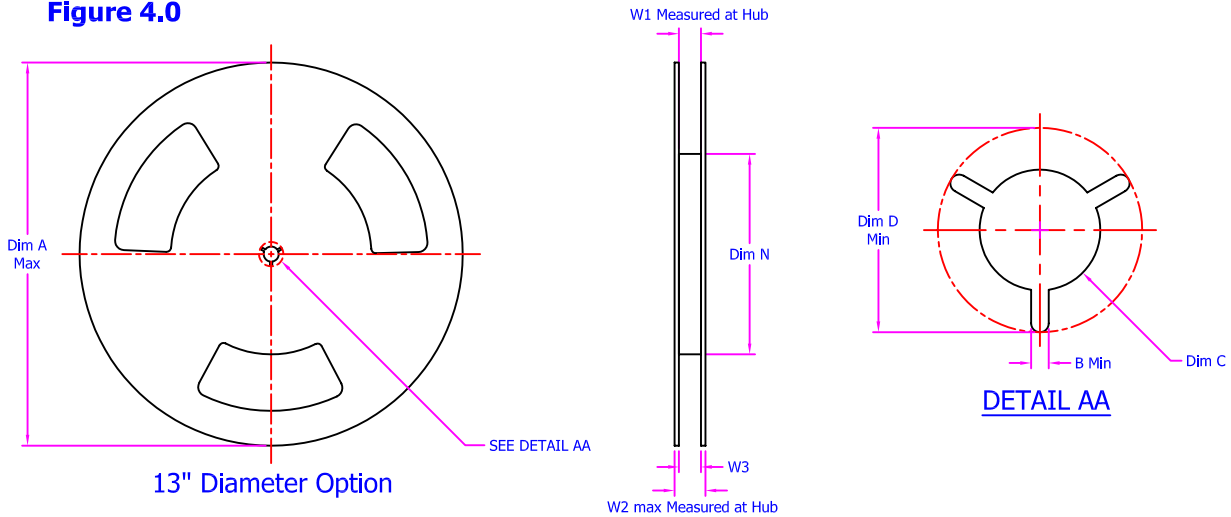


Dimensions are in millimeters													
Pkg type	Ao	Bo	W	Do	D1	E1	F	P1	Po	Ko	T	Wc	Tc
6x6 PQFN (12mm)	6.30 ±0.10	6.30 ±0.10	12.0 +0.20 -0.1	1.50 +0.05 -0	1.50 +0.25 -0	1.75 ±0.10	5.50 ±0.05	8.0 ±0.10	4.00 ±0.10	1.30 ±0.10	0.30 ±0.05	9.20 ±0.025	0.06 ±0.02

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



6x6 PQFN 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)
12mm	13" Dia	330	1.5	13+0.5/-0.2	20.2	178	12.4+2/-0	18.4	11.9-15.4

- NOTE:
- Plastic reel W1 dimension control limit of;
 - 8mm reel = ±1.0mm
 - 12mm reel and above = ±1.5mm

APPROVALS	DATE	FAIRCHILD SEMICONDUCTOR™		
DRAWN: G. I. GEQUILLO	25MAR'11	6x6 PQFN EMBOSSED CARRIER TAPE AND REEL CONFIGURATION		
CHECKED: J. BARING				
APPROVED: M. R. GESTOLE				
J. A. ORTEGA		SCALE 1:1	SIZE (CB)50-0029	REV 1
PROJECTION INCH (MM)		FORMERLY: N/A	SHEET: 2 OF 2	