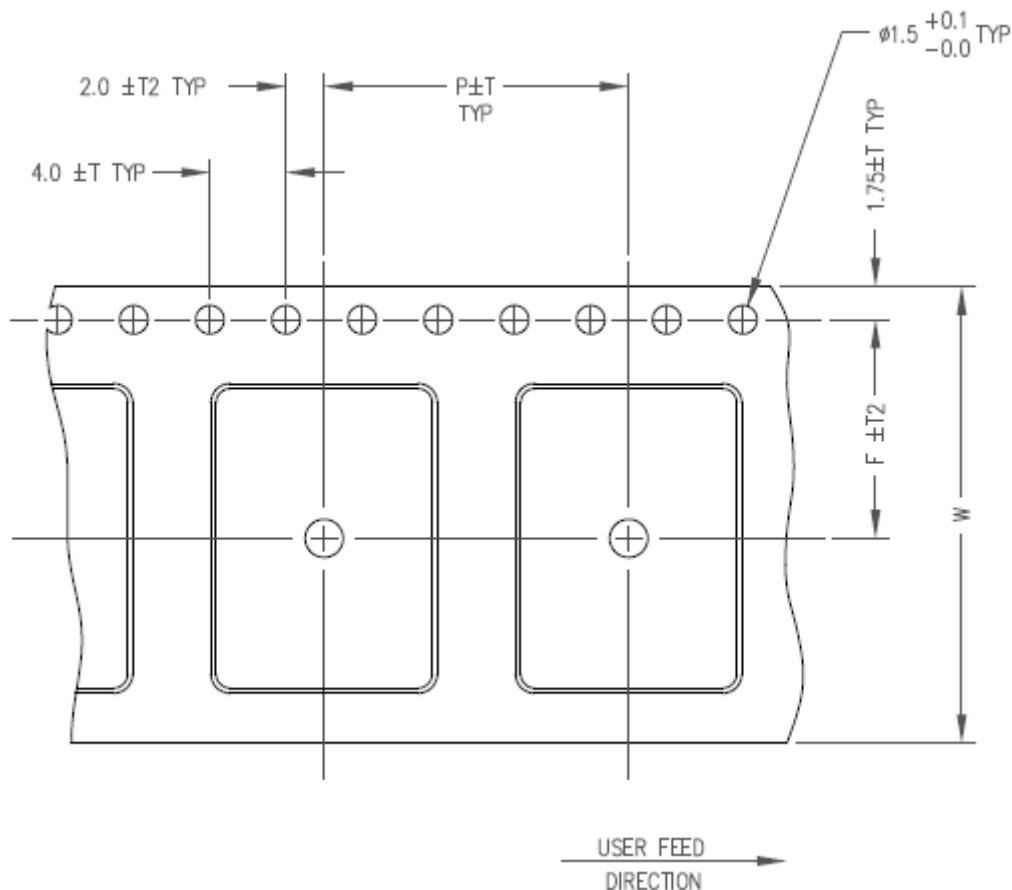


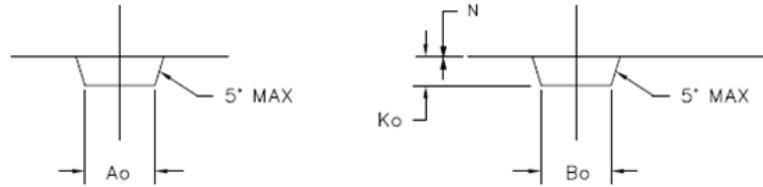
PCN Number:	20170119000		PCN Date:	Jan 19, 2017	
Title:	Qualify 4mm pitch Carrier Tape for select DSBGA Devices				
Customer Contact:	PCN Manager	Dept:	Quality Services		
Proposed 1st Ship Date:	Apr 19, 2017	Estimated Sample Availability:	Date provided at sample request		
Change Type:					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
				<input type="checkbox"/>	Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments is pleased to announce the qualification of 4mm pitch carrier tape for select DSBGA. These devices are currently shipped in 8mm pitch carrier tape. Carrier tape design summary as follows:





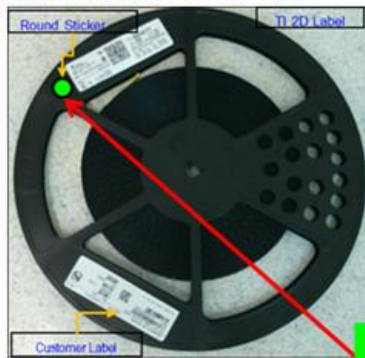
Dimensional Comparison (Sample):

	From	To
Stock #/Supplier	4156725-0311 /3M	
Ao	2.99mm +/-0.05	2.99mm +/-0.05
Bo	3.71mm +/-0.05	3.71mm +/-0.05
Ko	0.81mm +/-0.05	0.81mm +/-0.05
P pitch	8.00mm +/-0.10	4.00mm +/-0.10
W	12.00mm +.3/-0.1	12.00mm +.3/-0.1
N	0.28 +/-0.02	0.28 +/-0.02
F	5.50 +/-0.05	5.50 +/-0.05

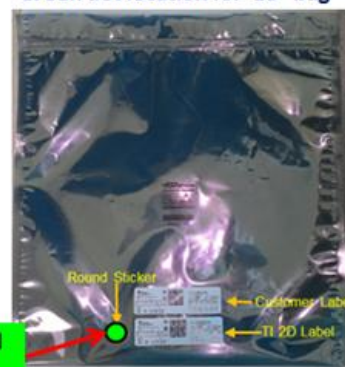
Additional Packing Information:

Green Dot Sticker added to 4mm Carrier Tape during Conversion

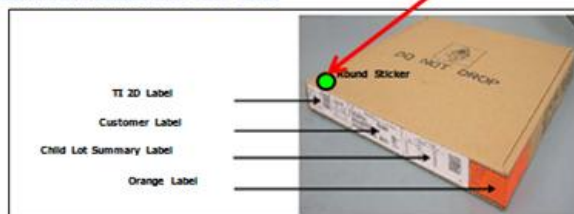
Green dot location for 13" reel



Green dot location for 13" bag



Green dot location for 13" box



Reason for Change:

Business Continuity

Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):

None

Anticipated impact on Material Declaration

<input checked="" type="checkbox"/>	No Impact to the Material Declaration	<input type="checkbox"/>	Material Declarations or Product Content reports are driven from production data and will be available following the production release. Upon production release the revised reports can be obtained from the TI ECO website .
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Changes to product identification resulting from this PCN:

Not Applicable

Product Affected:

BQ51020YFPR	BQ55221YFPR	PN2400A1A8YFFT	PN2400B0A8YFFR
BQ51020YFPT	BQ55221YFPT	PN2400A1A9YFFR	PN2400B0A8YFFT
BQ51021YFPR	PN2400A1A1YFFR	PN2400A1A9YFFT	PN2400B0A9YFFR
BQ51021YFPT	PN2400A1A1YFFT	PN2400B0A1YFFR	PN2400B0A9YFFT
BQ51023YFPR	PN2400A1A2YFFR	PN2400B0A1YFFT	PSN2400B0AYFFR
BQ51023YFPT	PN2400A1A2YFFT	PN2400B0A2YFFR	PSN2400B0AYFFT
BQ51025YFPR	PN2400A1A3YFFR	PN2400B0A2YFFT	SN1303032YFPR
BQ51025YFPT	PN2400A1A3YFFT	PN2400B0A3YFFR	SN1303032YFPT
BQ51121YFPR	PN2400A1A4YFFR	PN2400B0A3YFFT	SN2400A1YFFR
BQ51121YFPT	PN2400A1A4YFFT	PN2400B0A4YFFR	SN2400AB0YFFR
BQ51220YFPR	PN2400A1A5YFFR	PN2400B0A4YFFT	SN2400AB0YFFT
BQ51220YFPT	PN2400A1A5YFFT	PN2400B0A5YFFR	SN2400B0YFFR
BQ51221AYFPR	PN2400A1A6YFFR	PN2400B0A5YFFT	SN2400B0YFFT
BQ51221AYFPT	PN2400A1A6YFFT	PN2400B0A6YFFR	SN51023YFPR
BQ51221SYFPT	PN2400A1A7YFFR	PN2400B0A6YFFT	SN51023YFPT
BQ51221YFPR	PN2400A1A7YFFT	PN2400B0A7YFFR	SN51221YFPR
BQ51221YFPT	PN2400A1A8YFFR	PN2400B0A7YFFT	SN51221YFPT

Qualification Report

