

PCN Number:	20160610005B	PCN Date:	Aug. 28, 2018
Title:	Qualify 2mm pitch Carrier Tape for select DSBGA and uSIP Devices		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process

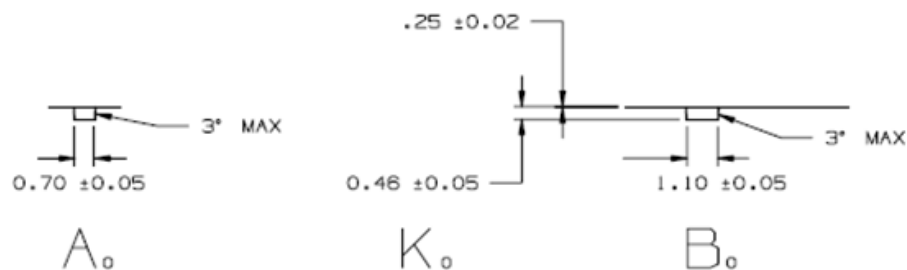
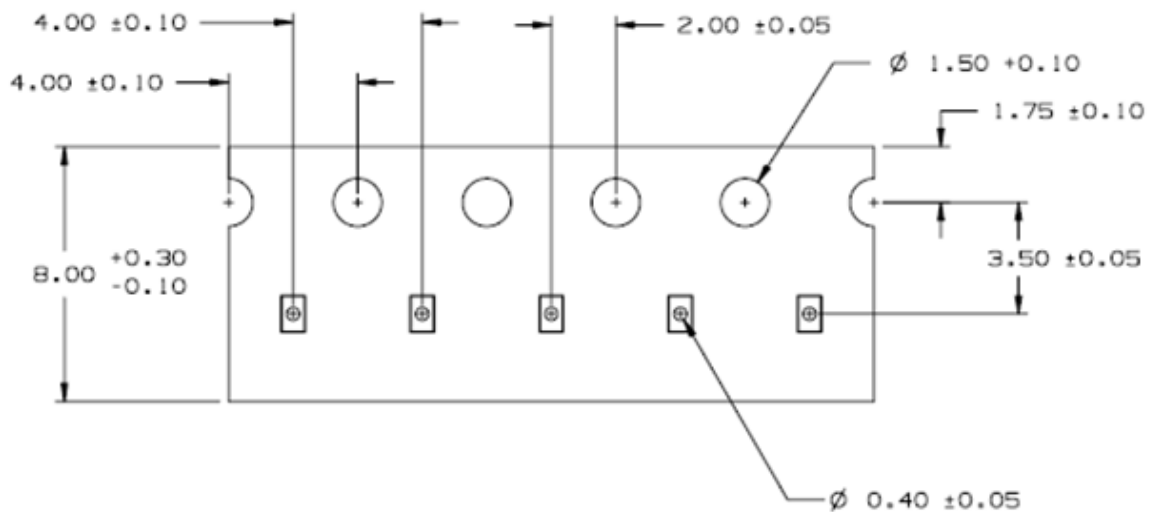
PCN Details

Description of Change:

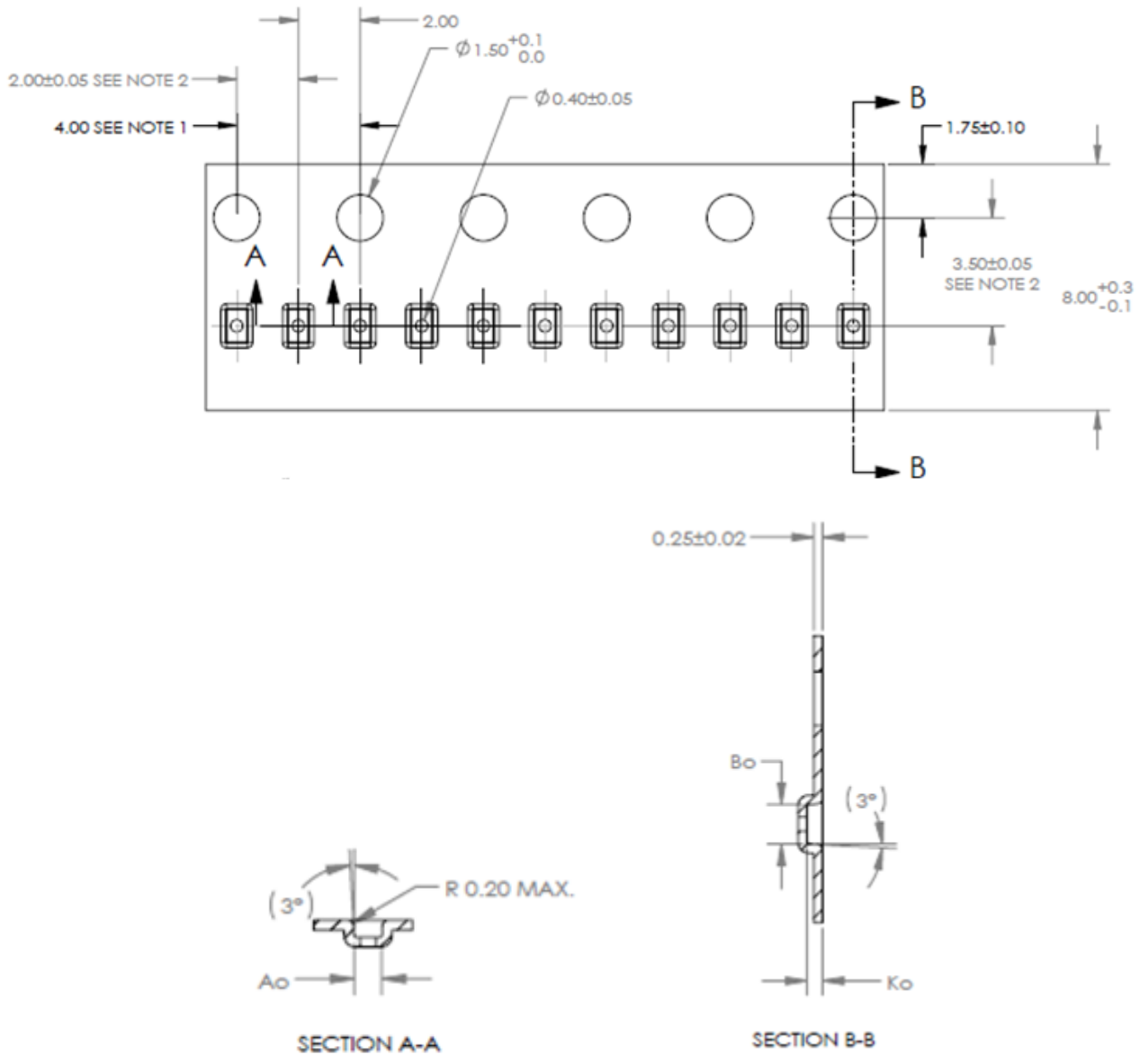
Revision B is to remove select devices in the Product Affected Section (with ~~strikethrough~~) and highlighted in yellow. These devices were inadvertently added and not affected by this change.

Texas Instruments is pleased to announce the qualification of 2mm pitch carrier tape for select DSBGA and uSIP Devices. These devices are currently shipped in 4mm pitch carrier tape. Carrier tape design summary as follows:

Current Design:



Proposed Design:



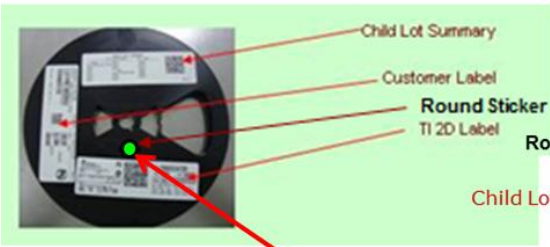
Dimensional Comparison:

	From	To
Stock #/Supplier	4156725-0271 /3M	4142781 -0050/ADVANTEK
Ao	0.70mm +/-0.05	0.70mm +/-0.03
Bo	1.10mm +/-0.05	1.10mm +/-0.03
Ko	0.46mm +/-0.05	0.43mm +/-0.03
P1 pitch	4.00mm +/-0.10	2.00mm +/-0.10
P2	2.00mm +/-0.05	2.00mm +/-0.05
Po	4.00mm +/-0.10	4.00mm +/-0.10
W	8.00mm +.3/-0.1	8.00mm +.3/-0.1
T	0.25 +/-0.02	0.25 +/-0.02
Do	1.5deg +/-0.10	1.5deg +/-0.10
D1	0.5deg +/-0.05	0.5deg +/-0.05
E1	1.75mm +/-0.10	1.75mm +/-0.10
F	3.50mm +/-0.05	3.50mm +/-0.05

Additional Packing Information:

Green Dot Sticker added to 2mm Carrier Tape

Green dot location for 7" reel



Green dot location for 7" bag



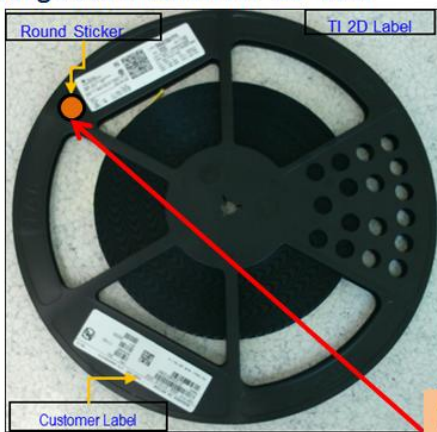
LOCATION OF GREEN DOT STICKER

Green dot location for 7" box

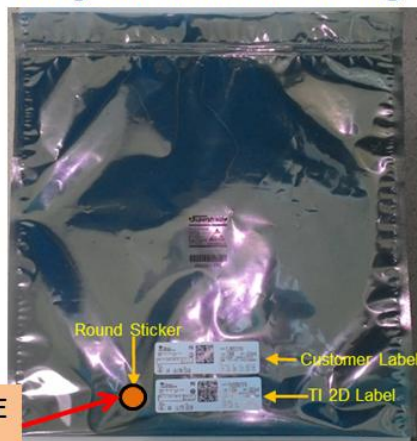


Orange Dot Sticker added to 4mm Carrier Tape

Orange dot location for 13" reel

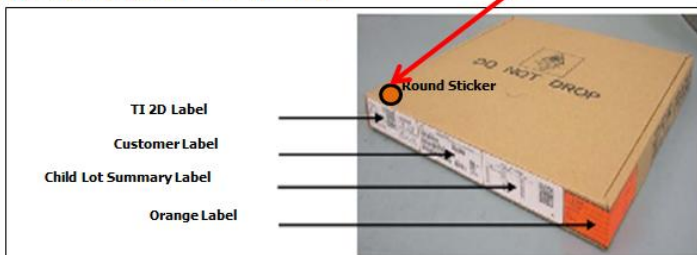


Orange dot location for 13" bag



LOCATION OF ORANGE DOT STICKER

Orange 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 .
Changes to product identification resulting from this PCN:			
Not Applicable			
Product Affected:			
BQ25100AYFPR	TMP108AIYFFR	PN2400A1A4YFFR	TPS72730YFFR
BQ25100AYFPT	TMP108AIYFFT	PN2400A1A4YFFT	TPS72730YFFT
BQ25100HYFPR	TMP421YZDR	PN2400A1A5YFFR	TPS72733YFFR
BQ25100HYFPT	TMP421YZDT	PN2400A1A5YFFT	TPS72733YFFT
BQ25100YFPR	TPS22902BYFPR	PN2400A1A6YFFR	TPS72746YFFR
BQ25100YFPT	TPS22902YFPR	PN2400A1A6YFFT	TPS72746YFFT
BQ25101HYFPR	TPS22905YFPR	PN2400A1A7YFFR	TPS72748YFFR
BQ25101HYFPT	TPS22905YFPT	PN2400A1A7YFFT	TPS72748YFFT
BQ25101YFPR	TPS22908YZTR	PN2400A1A8YFFR	TPS72750YFFR
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CSD13381F4R	TPS62601YFFT	SN1502009T	TPS79926YZUR
CSD13381F4T	TPS62611YFDR	SN2025YFFR	TPS79926YZUT
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LP5910-1.0YKAR	TPS72018YZUR	TMP103BYFFR	TPS82698SIPT
LP5910-1.2YKAR	TPS72018YZUT	TMP103BYFFT	TPSPS22920L
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PN2400A1A1YFFT	TPS72718YFFT	TMP103GYFFT	XCSD13306W
PN2400A1A2YFFR	TPS72719YFFR	TMP103HYFFR	XCSD23203W
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Qualification Report



Revision: B

EQ# :
A/T Site: TI Clark

WCSP Carrier Tape Qualification Summary

Reference (QSS 003-008, 005-701, 007-102, 009-006, 014-102)

Supplier: Advantek Carrier Tape
Vendor Part No: AAP203-A
TI Part No: For Application (If available)
Weight/meter (g): _____
Material: Polycarbonate (PC)
Package Description: WCSP
Package Designator: YJC
Result: Passed
Date: _____

I. First Article Inspection Test Pass (Pass/Fail)
II. Manufacturability Test Pass
III. Dimensional Test Pass
IV. Camber Test Pass
V. Surface Resistivity Test Pass
VI. Fit Analysis Pass
VII. Drop Test Pass

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com