



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000818

Date: May 9, 2022

P1/2

Semtech Corporation, 200 Flynn Road, Camarillo CA 93012			
Change Details			
Part Number(s) Affected: SX1272IMLTRT SX1273IMLTRT		Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A	
Description, Purpose and Effect of Change: For business continuity purposes, Semtech will start using qualified alternate sources for test for the above-mentioned parts. The production final electrical test for these parts is currently performed at Carsem on Teradyne Flex testers. This test has been validated also at Greatek (Taiwan) on Teradyne Flex testers.			
Change Classification	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor	Impact to Form, Fit, Function	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Impact to Data Sheet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	New Revision or Date	<input checked="" type="checkbox"/> N/A
Impact to Performance, Characteristics or Reliability: No impact to performance, characteristics or reliability is expected as a result of this change.			
Implementation Date	August 9, 2022	Work Week	2232
Last Time Ship (LTS) Of unchanged product	N/A	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	May 9, 2022	Qualification Report Availability	May 9, 2022
Supporting Documents for Change Validation/Attachments: <ul style="list-style-type: none"> - From-To analysis - Test validation report available upon request. 			

Issuing Authority	
Semtech Business Unit:	Wireless and Sensing Product Group



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P2/2

Semtech Contact Info:	<p>Anne Lévy-Mandel Sr Quality Assurance Manager, Wireless & Sensing Products</p> <p>Semtech Neuchâtel SA Gouttes d'Or 40 CH-2000 Neuchâtel</p> <p>Alevymandel@semtech.com</p> <p>Office: + 41 32 729 40 61 Fax: + 41 32 729 40 01</p>	<p>Digital signature</p>  <p>re</p>
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support		



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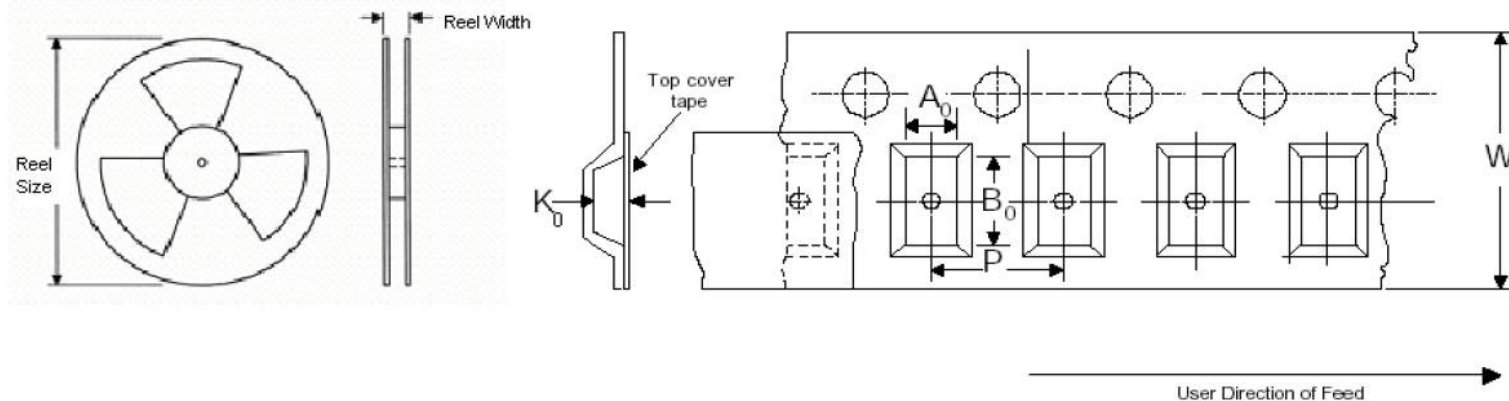
Qualification of Greatek Taiwan as a second source test supplier for LORA and ISM products

Introduction

- ❑ In order to increase the overall production capacity, Semtech is qualifying Greatek as a second source for test. Test is currently performed at Carsem.
- ❑ This document details the packing of the 2 suppliers.

Carrier tape 6x6 comparison (Carsem Vs Greatek)

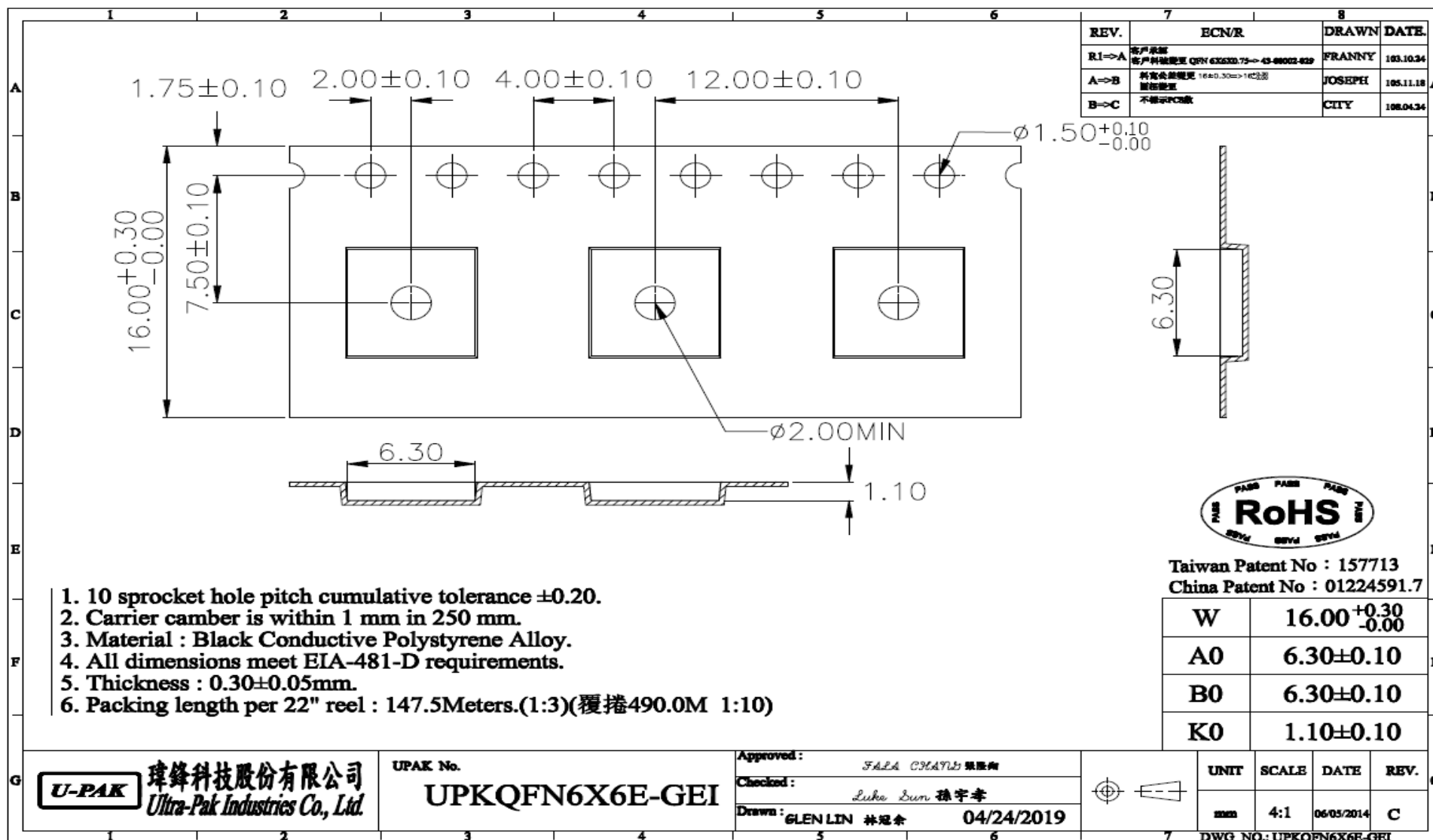
Carrier tape Carsem - CPAK (Old)				Carrier tape Greatek - UPAK (New)			
Ao	Bo	Ko	W	Ao	Bo	Ko	W
6.3+/- 0.1	6.3 +/- 0.1	1.1 +/- 0.1	16	6.3 +/- 0.1	6.3 +/- 0.1	1.1 +/- 0.1	16



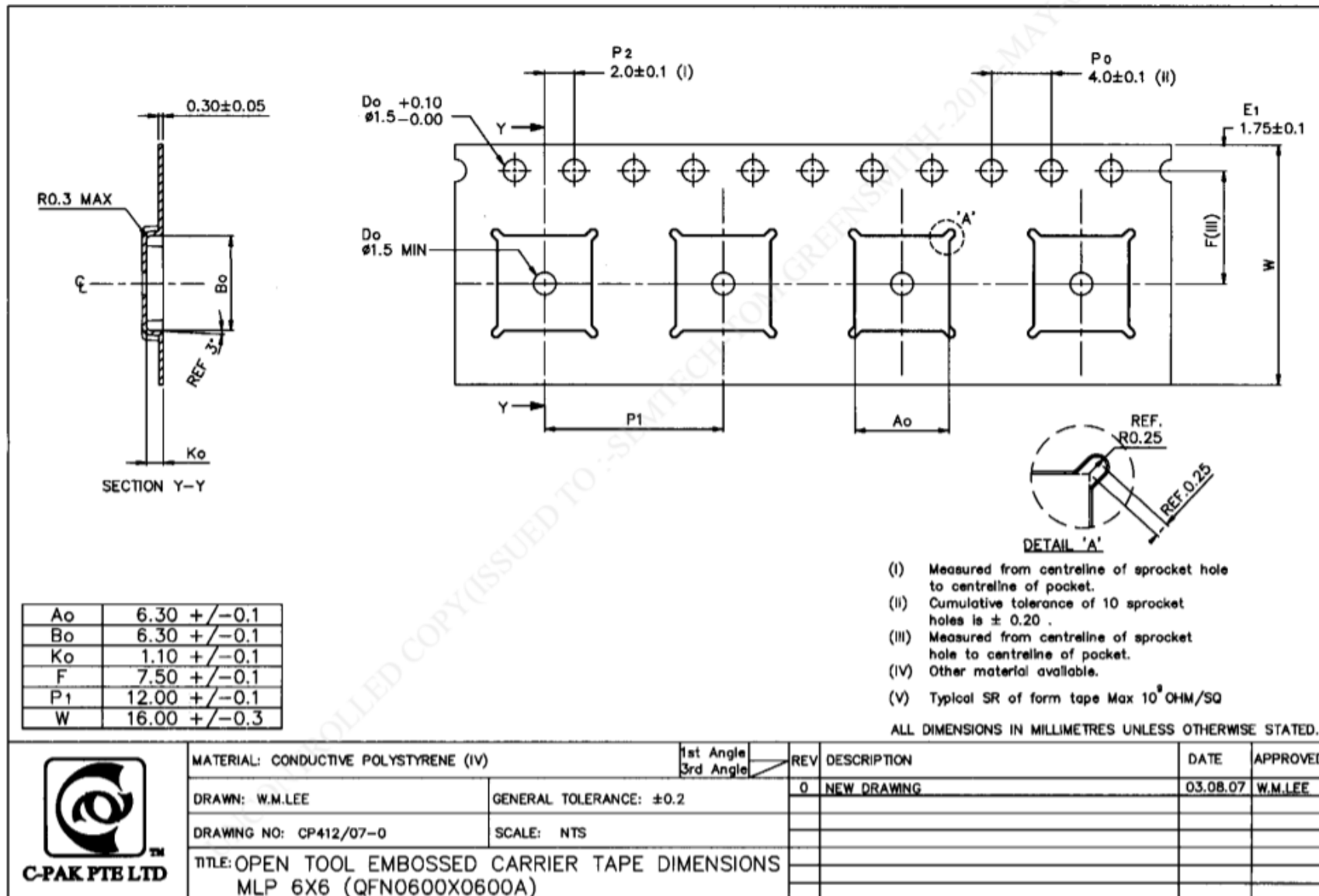
Pkg size	Carrier tape (mm)					Reel		Minimum Trailer Length (mm)	Minimum Leader Length (mm)	QTY per Reel
	Tape Width (W)	Pocket Pitch (P)	Ao	Bo	Ko	Reel Size (in)	Reel Width (mm)			
6x6	16	12	6.30	6.30	1.10	13	16.4	400	400	3000

**Carrier tape suppliers are different
but critical dimensions are the same.**

Carrier tape for Greatek (New)



Carrier tape for Carsem 6x6 (Old)



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