
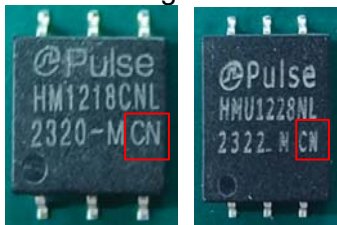
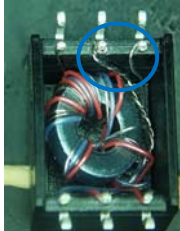


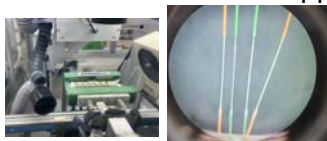

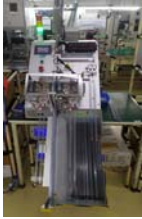





Product Change Notification

PCN Date:	June 01, 2023	
Supplier Name:	Pulse Electronics	
Pulse PCN No.	PCN-100000505	
Description of Change	<ol style="list-style-type: none"> 1. Move the manufacturing location of HM1218CNL/T and HMU1228NL/T from Contract supplier (CM) ZK to Pulse owned factory (MPO). 2. Change the marking information to "CN" from "China". 3. Change the clear color wire of HMU1228NL to orange. 4. Implement laser machine for remove insulating layer of HMU1228NL. 5. Add heat DCR test for HMU1228NL and HM1218CNL. 6. Implement fully auto machine for backend process. No impact to product form, fit and function.	
Reason for Change	In order to improve automotive parts quality level and the business contingency strategy.	
Summary of Changes between the new and old part	Present	New
	Manufacturing location: CM ZK Dongguan City, Guangdong Province	Manufacturing location: MPO Mianyang City, Sichuan Province
	Current marking: CHINA 	New marking: CN 
	Wire color of HMU1228NL: clear  <div style="border: 1px solid black; padding: 2px; display: inline-block;">Wire color: clear</div>	Wire color of HMU1228NL: orange  <div style="border: 1px solid black; padding: 2px; display: inline-block;">Wire color: orange</div>
	Remove insulating layer of HMU1228NL: heat stripping pliers 	Remove insulating layer of HMU1228NL: laser stripping machine 
	Heat DCR test: None	Heat DCR test: 100% test, Test DCR under high temperature (90°C±5°C) 

	<p>Backend process: All related processes operated by independent machine.</p> 	<p>Backend process: Fully automation for pin alignment, electrical test, laser marking, AOI (coplanarity, marking and all dimension inspection), tape and reel packing.</p> 
Traceability guidelines	<p>By Date code. Note: Traceability record can be provided upon request.</p>	
Qualification Data attached? File name(s)	<p>The AEC-Q200 test result is positive. Refer to below report.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  HM1218CNL Qualification Test </div> <div style="text-align: center;">  HMU1228NL Qualification Test </div> </div>	
Customer Part Number	Pulse Part Number	PCN Effectively Date
/	HMU1228NL	Dec 01, 2023
/	HMU1228NLT	Dec 01, 2023
/	HM1218CNL	Dec 01, 2023
/	HM1218CNLT	Dec 01, 2023

Customer: GENERIC

Originator: XL Guo

Phone: +86 816 7077888-2901 E-mail: XL.guo@yageo.com

Statement: Dear customer, please response this PCN requirement. If you have any special requirements, please let us know. Lack of response after 30 days will be considered acceptable of change.