



Process / Product Change Notification

1. Company Information			
Company Name: Dear All Customers			
Address: N/A			
Charger: N/A		E-Mail: N/A	
Tel: N/A		Fax: N/A	
2. Change Information			
PCN No.(Rev.)	PCN01210101 Rev. A0	Application Date	Jan 19 th , 2021
Product Affected	MTLT305D	Implementation Date (or First Lot No.)	Feb 1 st , 2021
Customer P/N (Optional)	N/A	Last Date of unchanged product (If applicable)	N/A
Reason of Change	Assurance of supply. Two components are nearing to End of Life		
Anticipated Impact	No impact to Form Fit or Function.		
Change Description	<p>There are two components changed and the label. Please refer to below details:</p> <ol style="list-style-type: none"> <u>Power Supply Chip change:</u> The power supply chip is nearing end of life status. A newer and more readily available device was selected and qualified. <u>RS232 Transceiver Chip change:</u> RS232 transceiver chip is nearing end of life status. A newer and more readily available device was selected and qualified. <u>Product Label change:</u> P/N on label change from 8350-3305-04 to -05. 		



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3. Qualification Plan / Results (If applicable, attach relevant supporting data/material)

Sections	Description	Standard	Status
2.1	Starting Profile	ISO 16750 - 2 (24V System)	Pass
2.2	Voltage Drop	ISO 16750 - 2 (24V System)	Pass
2.3	Reset Response During Voltage Drop	ISO 16750 - 2 (24V System)	Pass
2.7	Short Circuit	ISO 16750 - 2 (24V System)	Pass
2.8	Power Up	ISO 16750 - 2 Sec 4.5 (24V System)	Pass
2.11	Jump Start Forward Voltage	ISO 16750 - 2	Pass
2.12	Jump Start Reverse Voltage	ISO 16750 - 2 (24V System)	Pass
2.13	Open Circuits	ISO 16750 - 2 (24V System)	Pass
2.14	Battery less Operation	ISO 16750 - 2 (24V System)	Pass
2.15	Load Dump-Clamped	ISO 16750 - 2 Test Pulse 5b (24V System)	Pass
2.16	Insulation Resistance	IEC 60204-1	Pass
2.17	Withstand Voltage	IEC 62477-1	Pass
2.18	Maximum Load	Customer Defined (24V System)	Pass
2.19	Power Interruptions	Customer Defined (24V System)	Pass
2.20	Operational Voltage	Customer Defined (24V System)	Pass
2.21	Electrostatic Discharge Operational	ISO 10605	Pass
2.22	Electrostatic Discharge Handling	ISO 10605	Pass
4.5	ESA Radiated Electromagnetic Emissions	ISO 13766 / CISPR 25	Pass
4.6	ESA Electromagnetic Immunity	ISO 11452	Pass
4.7	Parallel Inductive Load Switching	ISO 7637-2 Test Pulse 1 (24V System)	Pass
4.8	Negative Switching Spikes	ISO 7637-2 Test Pulse 3a (24V System)	Pass
4.9	Wiring Harness Inductive Switching	ISO 7637-2 Test Pulse 2a (24V System)	Pass
4.10	Direct Current Motors Acting as a Generator	ISO 7637-2 Test Pulse 2b (24V System)	Pass
4.11	Positive Switching Spikes	ISO 7637-2 Test Pulse 3b (24V System)	Pass
4.12	Negative Mutual Coupling	ISO 7637-3 Test Pulse 3a (24V System)	Pass
4.13	Positive Mutual Coupling	ISO 7637-3 Test Pulse 3b (24V System)	Pass
4.14	Wiring Harness Inductance	Customer Defined (24V System)	Pass



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<input type="checkbox"/> Sample Quantity (N/A) or Date of Sample available (N/A)
<input type="checkbox"/> Drawing/Spec (N/A)
<input type="checkbox"/> Inspection/Test Data or Plan (N/A)
<input type="checkbox"/> Environmental Data (N/A)
<input type="checkbox"/> Others
4. Notes
If customer has special requirements, concerns or questions, please contact ACEINNA's team.

----- Customer Acknowledgement -----

Company	Acknowledgement	Date