

WALSIN TECHNOLOGY CORPORATION

Change Notification

CN No.: CN-C230904 Material Process
 Specification Others

Subject : Change Notice for changing the distance between safety MLCC product terminals and adding new termination type code

Reasons :

In order to meet safety standard certification and market benchmarking, we decided to change:
 1. The distance between safety MLCC product terminals to greater than or equal to 4 mm.
 2. Adding new termination type codes to ensure better compliance with customer requirements.

Contents(Before/After):

1. To change the distance between safety MLCC product terminals:

PN	Termination	Before		After		Thickn ess
		Length x Width (mm)	Creepage	Length x Width (mm)	Creepage	
S242B	General termination	4.50+ 0.50 /-0.30 * 2.00±0.25	≥ 3.5 mm	4.50+ 0.80 /-0.30 * 2.00±0.25	≥ 4.0 mm	Per spec.
S242N		4.50+ 0.50 /-0.30 * 2.00±0.25		4.50+ 0.80 /-0.30 * 2.00±0.25		
S243B		4.50+ 0.50 /-0.30 * 3.20±0.40		4.50+ 0.80 /-0.30 * 3.20±0.40		
S243N		4.50+ 0.50 /-0.30 * 3.20±0.40		4.50+ 0.80 /-0.30 * 3.20±0.40		
S242B	Soft termination	4.50+ 0.60 /-0.30 * 2.00±0.30	≥ 3.5 mm	4.50+ 0.90 /-0.30 * 2.00±0.30	≥ 4.0 mm	Per spec.
S242N		4.50+ 0.60 /-0.30 * 2.00±0.30		4.50+ 0.90 /-0.30 * 2.00±0.30		
S243B		4.50+ 0.60 /-0.30 * 3.20±0.40		4.50+ 0.90 /-0.30 * 3.20±0.40		
S243N		4.50+ 0.60 /-0.30 * 3.20±0.40		4.50+ 0.90 /-0.30 * 3.20±0.40		

2. To Add new termination type codes:

Before:

S2	42	B	101	K	502	C	T
Series	Size	Dielectric	Capacitance	Tolerance	Impulse voltage	Termination	Packaging
S2=X1/Y2 Safety Certified	42=1808 (4520) 43=1812 (4532)	N=NP0 B=X7R	100=10x10 ⁰ =10pF	K= ±10% M= ±20%	502: 5000V Impulse Voltage 252: 2500V Impulse Voltage	C= Cu/Ni/Sn	T=7" reeled G=13" reeled
S3=X2 Safety Certified	52=2211 (5728) 55=2220 (5750)						

After:

S2	42	B	101	K	502	M	T
Series	Size	Dielectric	Capacitance	Tolerance	Impulse voltage	Termination	Packaging
S2=X1/Y2 Safety Certified	42=1808 (4520) 43=1812 (4532)	N=NP0 B=X7R	100=10x10 ⁰ =10pF	K= ±10% M= ±20%	502: 5000V Impulse Voltage 252: 2500V Impulse Voltage	E= Soft termination Z= Soft termination + Surface Coating M= Surface Coating (Specify product) K= Non Coating (Specify product)	T=7" reeled G=13" reeled
S3=X2 Safety Certified	52=2211 (5728) 55=2220 (5750)						

Description :	
Effective Date: Dec. 27, 2023	Prepared by : Ray Chu/ RD Business Unit
Issued By: Richard Chang / MLCC & CR Vice President	To : <input checked="" type="checkbox"/> Customer : All cc : <input checked="" type="checkbox"/> WTC Q&R : Jay Huang <input checked="" type="checkbox"/> WTC Sales : All
Feedback by Customer : _____	<input type="checkbox"/> Accept for all PN Parts <input type="checkbox"/> Accept for Own Brand PN of AVL, except OEM's PN of AVL <input type="checkbox"/> Reject, Reason: (Please kindly feedback before <u>Oct. 27, 2023</u> , otherwise the change will be effective since. <u>Dec. 27, 2023</u>)
(Please note the name of person in charge and autograph signed back is preferred.)	

