



# W I M A QUALITY ASSURANCE

## CUSTOMER PCN ACKNOWLEDGEMENT FORM

Part: Metallized Polyethylenenaphthalate SMD (PEN) Capacitors

WIMA Type: **WIMA SMD-PEN 1210 through 6054**

WIMA SMD-PEN 1210	1000pF through 0,047 $\mu$ F	/ 63VDC
		/ 100VDC
		/ 250VDC
WIMA SMD-PEN 1812	1000pF through 6800pF	/ 63VDC
		/ 100VDC
		/ 250VDC
WIMA SMD-PEN 2220	1000pF through 6800pF	/ 63VDC
		/ 100VDC
		/ 250VDC
		/ 400VDC
	0,033 $\mu$ F	/ 400VDC
WIMA SMD-PEN 4030	0,01 $\mu$ F and 0,015 $\mu$ F	/1000VDC
	0,022 $\mu$ F	/ 630VDC
	0,15 $\mu$ F	/ 400VDC
WIMA SMD-PEN 5040	0,033 $\mu$ F	/1000VDC
	0,068 $\mu$ F	/ 630VDC
	3,3 $\mu$ F	/ 63VDC
		/ 100VDC
WIMA SMD-PEN 6054	0,15 $\mu$ F	/ 630VDC
	6,8 $\mu$ F	/ 63VDC
		/ 100VDC

and

Size Code 1812 H=2,0mm  
Size Code 2220 H=2,5mm  
Size Code 2824 H=2,0mm  
Size Code 2824 H=4,0mm

Change : to be discontinued or modified respectively due to the change of equipment and replaced as of now/as soon as possible (at the end of 2006 latest) by



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### **WIMA SMD-PEN 1210 through 6054**

WIMA SMD-PEN 1210	1000pF through 0,047μF	/ 63VDC ) obsolete
		/ 100VDC ) obsolete
		/ 250VDC ) obsolete
WIMA SMD-PEN 1812	1000pF through 6800pF	/ 63VDC ) obsolete
		/ 100VDC ) obsolete
		/ 250VDC ) obsolete
WIMA SMD-PEN 2220	1000pF through 6800pF	/ 63VDC ) obsolete
		/ 100VDC ) obsolete
		/ 250VDC ) obsolete
		/ 400VDC ) obsolete
	0,033μF	/ 400VDC ) obsolete
WIMA SMD-PEN 4030	0,01 μF and 0,015μF	/1000VDC ) obsolete
	0,022μF	/ 630VDC ) obsolete
	0,15 μF	/ 400VDC ) obsolete
WIMA SMD-PEN 5040	0,033μF	/1000VDC ) obsolete
	0,068μF	/ 630VDC ) obsolete
	3,3 μF	/ 63VDC ) obsolete
		/ 100VDC ) obsolete
WIMA SMD-PEN 6054	0,15 μF	/ 630VDC ) obsolete
	6,8 μF	/ 63VDC ) obsolete
		/ 100VDC ) obsolete

and

Size Code 1812 H=3,0mm ) change of height  
Size Code 2220 H=3,5mm ) change of height  
Size Code 2824 H=3,0mm ) change of height  
Size Code 2824 H=5,0mm ) change of height

Marking : WIMA SMD-PEN 1812 through 6054 n.a.



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**There is no impact on electrical and reliability parameters due to these changes!**

We confirm that all WIMA SMD-PEN capacitors

- are in accordance with data given in the WIMA catalogue 2005/2006
- have been tested and certified according to the IEC generic specification for fixed capacitors for electronic equipment (IEC 60384-1)
- have an encapsulation made of self-extinguishing material according to UL 94V-0
- have been tested 100% for all electrical parameters inclusive dielectric strength

Signature: Roland Wilhelm

Function: Technical Support

Date: September, 2006