

January 31, 2005

Through-Hole Component Pb-Free PCN

As everyone is well aware, the electronic industry is moving towards the elimination of Lead (Pb) and other hazardous materials. This is mainly driven by environmental concerns and largely supported by upcoming legislation (EU directives on Waste Electrical and Electronic Equipment – WEEE, and Restriction of Hazardous Substances – RoHS). The present deadline imposed by the EU Directive RoHS is July 1, 2006.

Due to this “Green” movement in the industry, lead wire for through-hole components containing Lead (Pb) has become very scarce. More and more lead wire suppliers are discontinuing the use of Lead (Pb) in their products. This has forced KOA to change the solder finish on the through-hole components from Tin Lead (SnPb) to Tin Copper (SnCu). The new finish will be 98.8% Sn and 1.2% Cu. Pb-free products are reverse compatible with present lead-based solder systems and reflow profiles, as well as forward compatible with emerging Pb-free solder systems.

Effective January 31, 2006, the standard through-hole product offered by KOA will be Pb-free (SnCu) with a transition period starting August 1, 2005. Between August 1, 2005 and January 31, 2006, without a transition date agreement between KOA and the customer, shipments may be either SnPb or SnCu (reference the KOA Speer Electronics, Inc. web site – www.koaspeer.com – for the proper part numbering designations for both SnPb and the Pb-free equivalent). These shipments will also be clearly marked on the customer specific labels as follows – SnPb product will be marked as “PB” and Pb-free (SnCu) product will be marked as “ECO”. If the August 1, 2005 date cannot be accepted by any customer, written notification must be submitted to KOA by April 29, 2005. The written notification can be emailed to djohnston@koaspeer.com. If written notification is received, the transition date can be changed to any date between August 1, 2005 and January 31, 2006 as agreed upon by KOA and the customer. After January 31, 2006, the standard through-hole product will be Pb-free (SnCu), however KOA will still offer SnPb through-hole product as a specialty (NCNR) and at a premium.



News Release

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KOA Corporation Announces a PCN to Pb-Free Through-Hole Components

The KOA product lines affected by this Pb-free transition are as follows:

MF	MFS	MS	RNS	Z
J-Z	JLT	LT	CF	CFP
SPR	SPRX	RCR	PCF	HPC
MO	MOX	MOS	MOSX	CW
CWP	RKL	RKC	RKH	MFP
SNF	RK	GS	SF	RN
RNC	RW	NRW	BGR	BWR
BSR	BPR	LR	RF	RF26
RF25_C	WF	LP	LHB	RLH
PCV	PCH	TR	PCA	BDC
WB	SA	SF	UF	SDT101
SDT301	NVD	MRP	MRG	MRGMA
LF	LFF	RK26	RK92	MRH
MRHL	MRS	MF	LR	C4000
SF6	SF8			

If you have any questions or concerns please feel free to contact your local KOA Sales Representative, any other KOA contact, or directly email Dena Johnston at djohnston@koaspeer.com. KOA Speer Electronics will continually post new information on our website.

Regards,

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Brian J. Piscitelli
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