



Across the world new legislation is being introduced with regard to the use of hazardous substances in electronic equipment.

The main driving force for this change has been the Restrictions of Hazardous Substances (RoHS) Directive, and similar legislation around the world.

The majority of Syfer's products fully comply with the RoHS Directive. The table below indicates our compliance across the Syfer range.

Environmental Declarations for Syfer Product

 		RoHS, WEEE, ELV Compliant	Standard Term. Matte 100% Sn	Compatible with lead-free solders	Compatible with lead solders
2nd Level Interconnect Surface Mount Capacitors				Max temp 260°C for 10 seconds max.	Max temp 260°C for 10 seconds max.
2002/95/EC					
COG/NPO	0603	Yes	Yes	Yes	Yes
	0505	Yes	Yes	Yes	Yes
	0805	Yes	Yes	Yes	Yes
	1111	Yes	Yes	Yes	Yes
	1206	Yes	Yes	Yes	Yes
	1210	Yes	Yes	Yes	Yes
	1410	Yes	Yes	Yes	Yes
	1806	Yes	Yes	Yes	Yes
	1808	Yes	Yes	Yes	Yes
	1812	Yes	Yes	Yes	Yes
	1825	Yes	Yes	Yes	Yes
	2211	Yes	Yes	Yes	Yes
	2215	Yes	Yes	Yes	Yes
	2220	Yes	Yes	Yes	Yes
	2225	Yes	Yes	Yes	Yes
	3640	Yes	Yes	Yes	Yes
	5550	Yes	Yes	Yes	Yes
	8060	Yes	Yes	Yes	Yes
X7R & X8R	0603	Yes	Yes	Yes	Yes
	0805	Yes	Yes	Yes	Yes
	1206	Yes	Yes	Yes	Yes
	1210	Yes	Yes	Yes	Yes
	1410	Yes	Yes	Yes	Yes
	1806	Yes	Yes	Yes	Yes
	1808	Yes	Yes	Yes	Yes
	1812	Yes	Yes	Yes	Yes
	1825	Yes	Yes	Yes	Yes
	2211	Yes	Yes	Yes	Yes
	2215	Yes	Yes	Yes	Yes
	2220	Yes	Yes	Yes	Yes
	2225	Yes	Yes	Yes	Yes
	3640	Yes	Yes	Yes	Yes
	5550	Yes	Yes	Yes	Yes
	8060	Yes	Yes	Yes	Yes
Filters					
EMI Chips	E01	Yes	Yes	Yes	Yes
	E07	Yes	Yes	Yes	Yes
X2Y Chips	E03	Yes	Yes	Yes	Yes
Surface Mount	SBSM	Yes	Yes	No (220°C max)	Yes (220°C max)
	SBSG	Yes	Yes	No (220°C max)	Yes (220°C max)
	SBSF	Yes	Yes	Yes	Yes
Panel Mount Solder-in	SFSS	Refer to Factory ³	Refer to Factory ⁴	Refer to Factory	Refer to Factory
	SFSR	Yes	100% Ag	Yes	Yes
	SFST	Yes	100% Ag	Yes	Yes
	SFSU	Yes	100% Ag	Yes	Yes
Panel Mount Screw-in	All	Refer to Factory ³	100% Ag	Refer to Factory ³	Yes
Radial Lead					
Dipped	8111	Yes ²	Yes	Wave ¹	Yes ¹
	8121	Yes ²	Yes	Wave ¹	Yes ¹
	8131	Yes ²	Yes	Wave ¹	Yes ¹
	8141	Yes ²	Yes	Wave ¹	Yes ¹
	8151	Yes ²	Yes	Wave ¹	Yes ¹
	8161	Yes ²	Yes	Wave ¹	Yes ¹
	8171	Yes ²	Yes	Wave ¹	Yes ¹
Planar Arrays	All	Yes	Gold or Pd/Ag	Yes	Yes

Note 1: Care must be taken not to reflow the internal joints when using high temperature reflow processes.

Note 2: RoHS compliant parts in full manufacture from 01/10/2005 with C42 suffix code.

Parts without C42 suffix code may or may not be RoHS compliant, please contact Sales Office for details.

Note 3: A Technical exception is currently being considered by the EU for inclusion into the RoHS Directive.

Note 4: 100% Ag pin finish, Au or Pd/Ag discoidal finish. Contact Sales Office for details on specific parts.

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