

**NOMINAL SPECIFICATION DATA SHEET FOR
99C ALLOY**

Alloy specification	EN29453 S-Sn99Cu1	BS219 99C
----------------------------	------------------------------	----------------------

Solidus	227°C	227°C
Liquidus	240°C	240°C

Alloy Composition

Tin	Remainder	Remainder
Lead (max)	0.1	0.1
Arsenic (max)	0.03	0.03
Bismuth (max)	0.1	0.1
Iron (max)	0.02	0.02
Copper (max)	0.45-0.90	0.45-0.85
Aluminium (max)	0.001	0.001
Cadmium (max)	0.002	0.002
Zinc (max)	0.001	0.001
Antimony	0.05	0.05
Gold (max)	0.005	0.005
Nickel (max)	0.007	0.005
Silver (max)	0.05	0.05

Multicore now manufacture to BS EN29453, BS 219 being obsolete.