

H20A

Solder bar

Sn-Pb solder bar.

Table. Characteristic

Items		Characteristics	Test method
Alloy composition(%)	Sn	19.5~20.5	Allowable impurity level is based on JIS Z 3282
	Pb	Balance	
	Ag	Less than 0.10	
	Sb	Less than 0.50	
	Cu	Less than 0.08	
	Bi	Less than 0.25	
	Zn	Less than 0.001	
	Fe	Less than 0.02	
	Al	Less than 0.001	
	As	Less than 0.03	
	Cd	Less than 0.005	
	In	Less than 0.10	
	Ni	Less than 0.01	
	Au	Less than 0.05	
Solidus temperature (°C)		Approx.183	DSC (Differential Scanning Calorimetry)
Liquidus temperature (°C)		Approx.279	
Specific gravity		Approx.10.2	H ₂ O= 1 , at 20°C
Tensile strength(MPa)		27	23°C, 3mm/min
Elongation		No data	—
Remarks		JIS Z 3282:2006 Soft solders – Chemical compositions and forms	