Solder wire: applicable for REACH compliance

S3X-70M

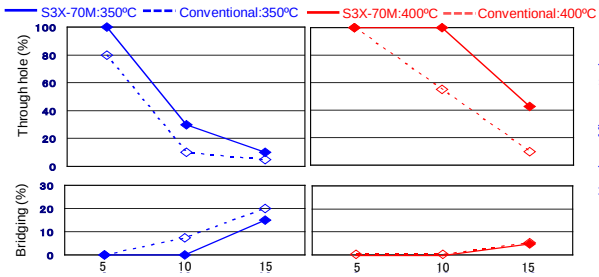
Alloy composition: Sn Ag3.0 Cu0.5 (SAC305)

- Quick wetting through components with large thermal demand such as connector
- Remarkable wetting performance to nickel and brass leads
- Realizes low flux spattering and bridging in slide soldering
- No SVHC substances contained which are restricted by REACH

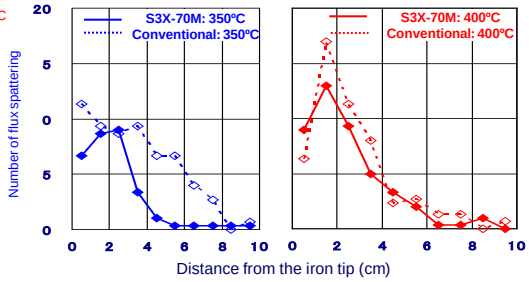
◆ Slide soldering property

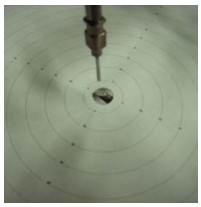
■ Comparison in percent defective

Distance of iron moved (mm/sec)
Number of connector pins: 21



◆ Low flux spattering





◆ Product specifications

Product name	S3X-70M
Alloy composition	Sn Ag3.0 Cu0.5
Melting point (ºC)	217-219
Flux content (%)	3.0±0.3
Halide content (%)	0.09±0.03
Diameter of wire	0.3, 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.6

◆ Hand soldering products line-up

■ Flux cored solder wire

S01X7Ca-70M	Anti-erosion low Ag alloy
S03X7Ca-70M	Anti-erosion low Ag alloy
SB6N-70M	High reliability alloy

■ Tacky flux

TF-M406	For repairing BGA/CSP
TF-M880R	For repairing BGA/CSP, halogen free
TF-A254	Cleanable
TF-MP1	For PoP soldering
JS-930M	For repairing, adding on

Good wetting, high reliability wave soldering flux

JS-E-15X

- Wide range of customer known applications (Consumer products, automotive & industrial)
- Good through hole fill even after double-sided reflow (e.g. connector)
- Remarkable wetting performance to nickel and brass leads
- Applicable to selective soldering without pre-heating
- Applicable to fast wave soldering

◆ Product specification

Product name	JS-E-15X
Solid content (%)	14.8
Halide content (%)	0.089
Specific gravity (at 20ºC)	0.822
Copper erosion test	Passed
Solder spread rate (%)	≧ 75
SIR (after humidification) (Ω)	$\geqq 1 \times 10^{13}$

◆ Wave soldering flux line up

JS-E-16	Designed to be used with low Ag solder, Applicable to flow soldering of surface mount devices (e.g. chip, QFP)
JS-EU-31	Halogen free, low flux residue
JS-C・1G	Applicable to soldering copper wire, Exceptionally low flux residue
JS-900SCP	Designed to solder on electrode of solar module made of silver paste