

Product description

GENMA solder wire – our NR-NP303 solder wire is a special product for soldering nickel and steel surfaces and features excellent and quick wetting properties. Because of the quick wetting, this solder wire is perfectly suited for automated iron-soldering.

Technical properties

	Specific value				Testing method
Diameter (mm)	0,15	0,3	0,5 / 0,6	0,8 / 1,0 / 1,2 / 1,6	
Weight spindle (g)	50	250	500	1000	
Flux type	ROL1, no clean				IPC J-STD-004B
Flux content (wt%)	3,18 ± 0,30 %				IPC-TM-650 2.3.34.1
Halide content (wt%)	1,2 ± 0,25 %				IPC-TM-650 2.3.35
Insulation resistance (Ω)	> 1 x 10 ⁹ (40°C 90% rel. humidity)				IPC-TM-650 2.6.3.3
Migration	keine				IPC-TM-650 2.6.14
Recommended solder tip temperature (°C)	350 ± 20				
Recommended storage (°C)	0 - 40				

Alloys

Name	Alloy	Melting temperature range	Advantages
NP303	Sn 96,5 / Ag 3,0 / Cu 0,5 / SAC305	217 - 221	Standard alloy, excellent wetting

Compliance

Conform with RoHS-Regulation 2011/65/EU and 2015/863/EU

Contains no substances more than threshold (0,1%) according to REACH legislation EG Nr. 1907/2006 (SVHC-list - dated 04.09.2018)