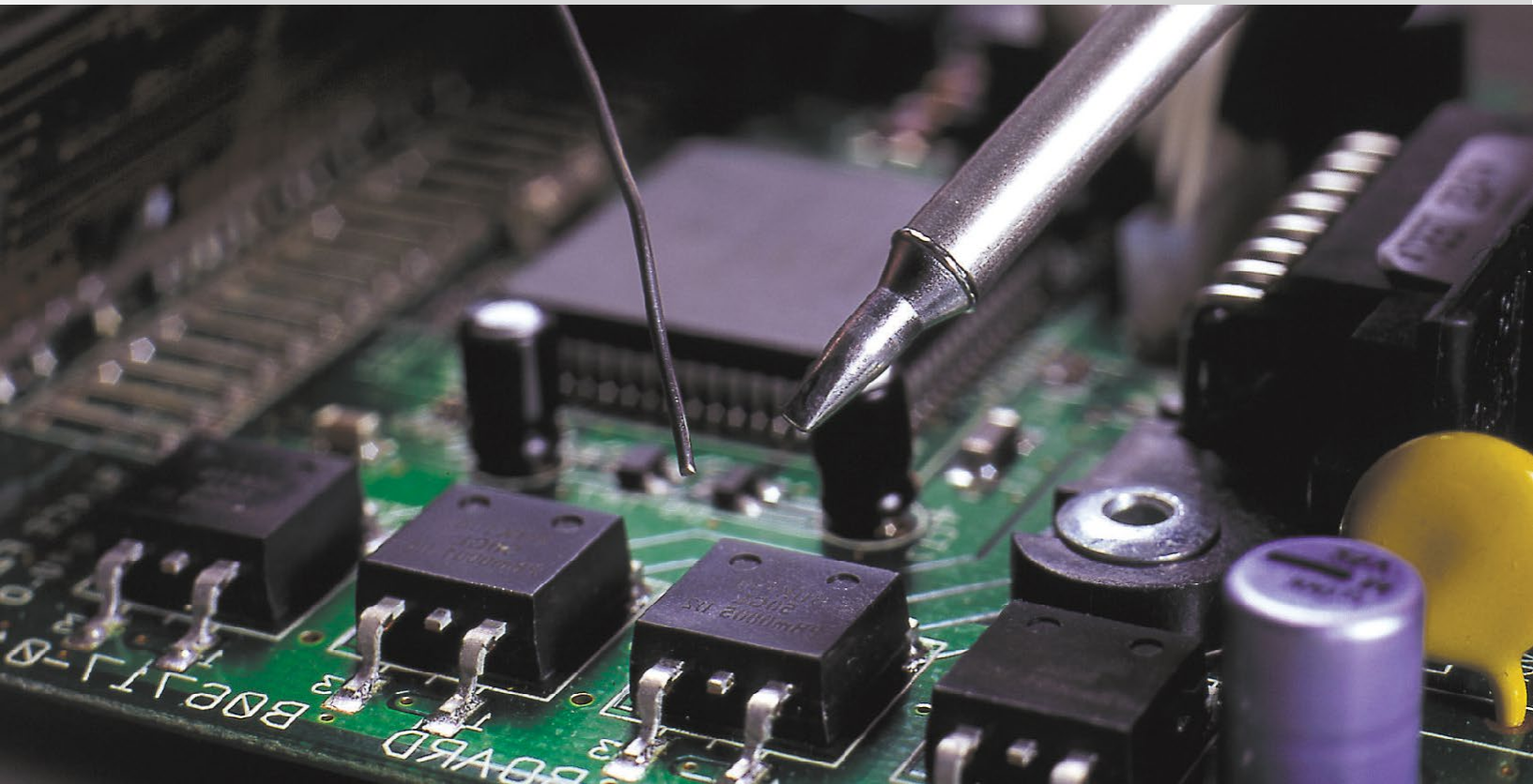


MULTiCORE



MULTiCORE SOLDER WIRE SOLUTIONS

Available in both solid and cored versions, Harima's MULTiCORE brand solder wire products have been enabling rework and hand soldering operations for decades. Award-winning multiple flux core technology in our cored wire options distributes flux evenly throughout the solder wire, offering fast wetting and high solder joint reliability. *MULTiCORE* cored wire is available in lead-free, tin-lead and halogen-free formulas. For assemblers who prefer a non-cored option for selective soldering applications, *MULTiCORE* solid wire products are offered in both lead-free and tin-lead options.

CORED WIRE OPTIONS

NUMBER OF CORES	FLUX CONTENT*
1	0.5% - 1.0%**
2	1.0% - 1.2%
3	1.0% - 2.5%
4	2.0% - 2.7%
5	1.7% - 3.0%

*Flux content availability dependent on alloy and diameter

**Other flux content available upon request



MULTICORE

CORED WIRES

PRODUCT	DESCRIPTION	APPROXIMATE FLUX CONTENT (% BY WEIGHT)	ALLOY Pb-FREE	ALLOY SnPb	IPC J-STD-004B CLASSIFICATION
Halogen-Free, No-Clean					
C 400	Clear residue, cored solder wire with increased flux content for improved wetting on challenging surfaces. Features the award-winning multiple flux core technology that ensures consistent distribution of flux throughout the solder wire. Suitable for manual and robotic soldering.	2.2	90iSC 99C SAC305 SAC387	Sn60 Sn62 Sn63	ROLO
Halide-Containing, No-Clean					
C 502	Clear residue, cored solder wire with medium activity flux with good wetting on difficult substrates.	2.7	99C SAC305 SAC387	Sn60 Sn62 Sn63	ROMI
C 511	Amber residue, heat stable, cored solder wire. Good wetting on difficult substrates.	2.7	99C SAC305 SAC387	Sn60 Sn62 Sn63	ROMI
Halide-Containing, Water Wash					
HYDX	High activity, flux-cored solder wire with excellent wetting on difficult substrates.	2.0	99C SAC305 SAC387	Sn60 Sn62 Sn63	ORHI

SOLID WIRES

PRODUCT	SILVER CONTENT (%)	DIAMETER* (mm)	ROHS COMPLIANT
Pb-Free			
SWR 90iSC	3.8	3	Yes
SWR 96SC	3.8	3	Yes
SWR 97S	0	3	Yes
SWR 99C	0	3	Yes
SWR SAC0307	0.3	3	Yes
SWR SAC305	3.0	3	Yes
SnPb			
SWR SN63	0	3	No

*Other diameters for certain products available upon request



HARIMA CHEMICALS GROUP