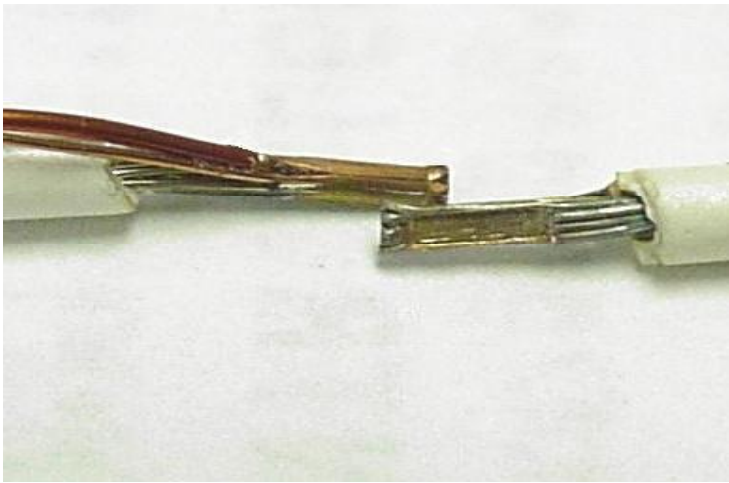
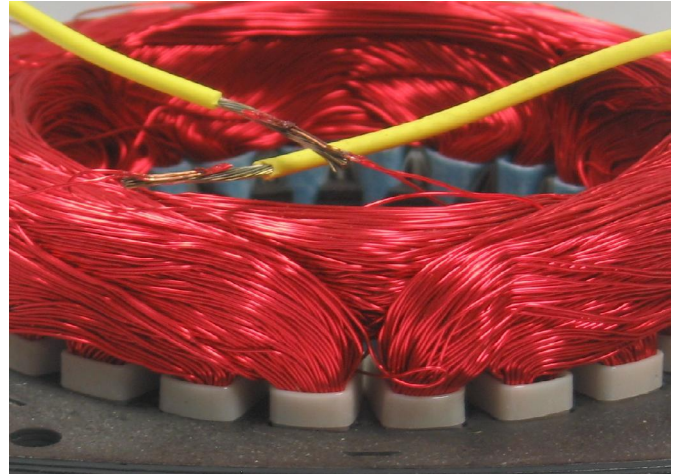


New Developments in Small Magnet Wire to Lead Wire Connection Technology

Patented Fuse-A-Wire Technology

Fuse-A-Wire technology allows for magnet wire to be connected directly to a tinned lead wire without the need for an external connector. This patented technology is fast (fusing the connection in less than 1 second) and extremely economical when compared to traditional splice or insulation displacement connectors. Machines are available with A.C. or D.C. inverter duty power supplies.



Eliminate the Need for Splice Connectors

Fuse-A-Wire technology is unique in that it eliminates the need to a splice connector to be used between the magnet wire and the tinned lead wire. Not only does this lower the material cost of your product, but it also eliminates the need to stock different connectors that are sized specifically to the wire bundle size.

Process Control Features

As with patented tube fusing technology, Fuse-A-Wire machines can be equipped with advanced process and control features that are not traditional connection methods. Machines can accurately control electrode current, temperature, force, fusing head displacement and fusing time. Not only does this level of control significantly improve the quality of the connection, but a fusing machine requires much less training for an operator, maintenance or the purchase of expensive, specialized connectors.

Subgroup size	Current values			Current values		
	16.0	67.00	3357	20.0	68.00	3345
Part.#	Left Terminal			Right Terminal		
	Displ.	Force	Current	Displ.	Force	Current
1	.0180	67.00	3332	.0170	68.00	3348
2	.0190	68.00	3327	.0180	67.00	3353
3	.0190	67.00	3341	.0180	67.00	3326
4	.0190	67.00	3334	.0180	67.00	3352
5	.0190	67.00	3349	.0180	67.00	3326
6	.0190	68.00	3326	.0180	67.00	3356
7	.0180	67.00	3331	.0170	68.00	3340
8	.0180	67.00	3347	.0170	68.00	3345
9	.0190	67.00	3326	.0180	68.00	3345
10	.0180	67.00	3330	.0180	67.00	3342
X 10	.0188	67.20	3337	.0178	67.20	3341
X 100	.0184	67.38	3341	.0174	67.32	3342
R 100	.0013	00.95	0023	.0013	00.95	0024
CpK 100	2.03	1.94	4.79	1.42	1.89	4.58
Cp 100	2.98	2.04	5.08	2.98	2.04	4.85
U.S.L.	25	70	3500	25	70	3500
L.S.L.	15	65	3200	15	65	3200

Menu

Graph

COUNTER

Counters

SPC spec totals

in = 100

out = 0

Shift 100