

FEATURES AND SPECIFICATIONS

Features and Benefits

- For aluminum and copper magnet wire
- Insulation piercing
- Open barrel design allows for easy placement of square bar stock into barrel
- Accommodates round, rectangular and square magnet wire
- Tin plated to retard corrosion
- Penetrates all types of insulation, varnish etc...

Applications

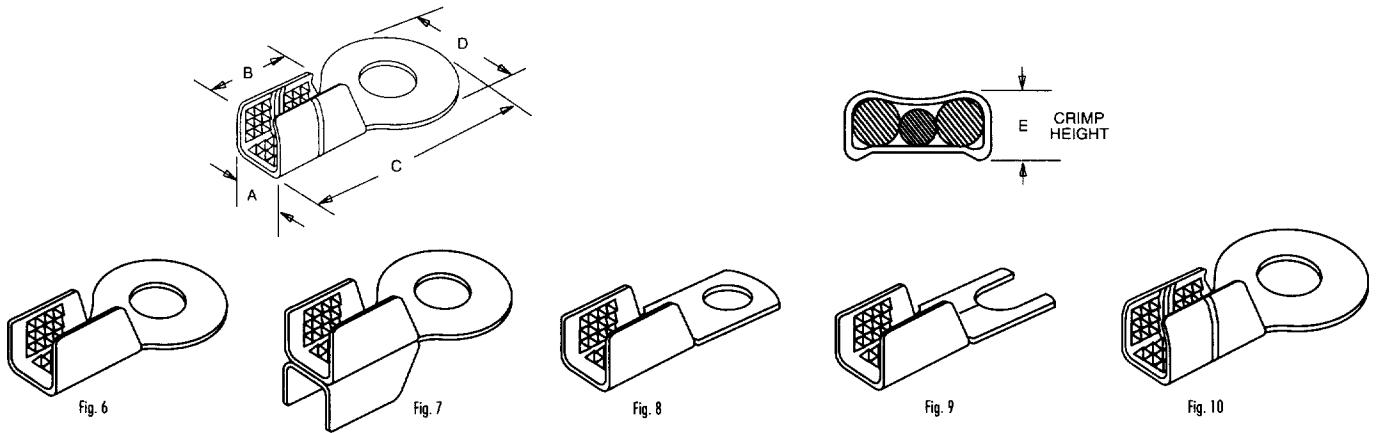
- Motors
- Transformers
- Generators
- Switchgear

molex® Product Name
MagKrimp™
Terminals and Splices



Series 19195

Description:
Terminals and Splices
for use with Magnet Wire



ORDERING INFORMATION AND DIMENSIONS

Order No.	Fig	Stud Size	Dimensions (Inches)					Circular Mil Area	Round Wire Range, AWG	Rectangular Wire Range (Inches)	
			A	B	C	D	E*			Thickness	Width
19195-1022	8	8	0.38	0.56	1.22	0.41	0.17	4,110-20,760	14(a)-10	.08-.09	.08-.18
19195-1006		1.22									
19195-1012		1.41									
19195-1115	9	10	0.38	0.56	1.22	0.41	0.17	4,110-20,760	14(a)-10	.08-.09	.08-.18
19195-1019	8	10	0.53	0.61	1.58	0.50	0.25	10,380-52,480	12(b)-2(c)	.10-.16	.10-.26
19195-1011		1/4									
19195-1007	6	1/4	0.53	0.61	1.58	0.81	0.25	10,380-52,480	12(b)-2(c)	.10-.16	.10-.26
19195-1035		5/16									
19195-1021		3/8									
19195-1037		1/2									
19195-1085	7	1/4	0.53	0.61	1.58	0.81	0.50	20,760-104,960(e)	12(b)-2(c)	.10-.16	.10-.26
19195-1136		5/16									
19195-1056		3/8									
19195-1138		1/2									
19195-1034	10	3/8	0.88	1.50	2.76	1.06	(d)	50,000-115,000	12(b)-2(c)	.100-.175	.300-.625
19195-1040		1/2						165,000-230,000			
19195-1031		3/8					.175-.325				
19195-1047		1/2									

Note: Wire sizes and combinations shown have been tested to and meet or exceed Molex specification.

Connectors may be suitable for other wire sizes or combinations but should be tested for specific applications.

* Dimension for reference only. See crimp die illustration for gauging.

** Not recommended for aluminum magnet wire finer than 21 gauge.

(a) 4 wires maximum.

(b) 6 wires maximum.

(c) 3 wires maximum each barrel.

(d) 6 wires maximum each barrel.

(e) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9800 psi minimum.

(f) CMA is total for both sides.