



## WIRE CONNECTORS

### SPIRALETS™

Integrated wire spiral, molded in an insulated nut style polypropylene connector  
 Temperature rated at 105°C max  
 Five sizes cover solid and stranded wires #10 through #24 AWG



Cu/Cu  
Only

### SPI-N SERIES

### Nut Style

NAED NUMBER	CATALOG NUMBER	WIRE RANGE CU/CU	COLOR	RATING	CTN QTY
70101	SPI-N1	(2) # 18 & (1) # 20	GRAY	300V	100
70102	SPI-N2	(3) # 20 (3) # 16	BLUE	300V	100
70103	SPI-N3	(3) # 20 (3) # 16 & (1) # 18	ORANGE	600V	100
70104	SPI-N4	(2) # 18 (3) # 12	YELLOW	600V	100
70105	SPI-N5	(4) # 18 (4) # 12	RED	600V	100



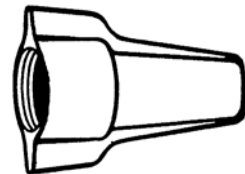
Cu/Cu  
Only

Integrated wire spiral, molded in an insulated wing style polypropylene connector  
 Temperature rated at 105°C max

### SPI-W SERIES

### Wing Style

NAED NUMBER	CATALOG NUMBER	WIRE RANGE CU/CU	COLOR	RATING	CTN QTY
70111	SPI-W1	(4) # 22 (3) # 12	YELLOW	600V	100
70112	SPI-W2	(5) # 22 (3) # 12 & (1) # 8	RED	600V	100
70113	SPI-W3	(1) # 12 & (1) # 14 (2) # 6 & (1) # 10	BLUE	600V	50





# RING TERMINALS

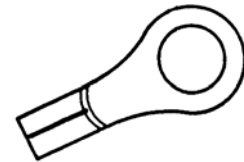
## R SERIES

### NON-INSULATED

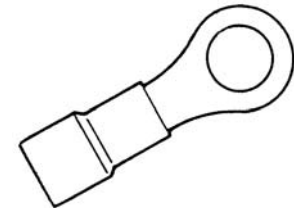
NAED NUMBER	CATALOG NUMBER	WIRE SIZE	STUD SIZE	COLOR	DIMENSIONS		QTY. PER BOX
					L	W	
16006	R 18-6	22-18	6	-	.614	.315	100
16008	R 18-8		8		.614	.315	
16010	R 18-10		10		.614	.315	
16014	R 18-14	16-14	1/4	-	.795	.472	
16026	R 14-6		6		.500	.256	
16028	R 14-8		8		.630	.315	
16030	R 14-10		10		.630	.315	
16034	R 14-14		1/4		.846	.472	
16036	R 14-56		5/16		.846	.472	
16046	R 10-6	12-10	6	-	.768	.374	50
16048	R 10-8		8		.768	.374	
16050	R 10-10		10		.768	.374	
16054	R 10-14		1/4		.906	.472	40
16056	R 10-56		5/16		1.102	.591	
16058	R 10-38		3/8		1.102	.591	
16060	R 10-48	1/2	1.4	.81	20		
16064	R 8-14	#8	1/4	-	1.07	.60	25
16068	R 8-38		3/8		1.07	.60	
16084	R 6-14	#6	1/4	-	1.2	.63	
16088	R 6-38		3/8		1.2	.63	
16089	R 6-48		1/2		1.6	.87	

Butted Seam

Brazed Seam



Non-Insulated



Nylon-Insulated Sleeved Barrel

### NYLON INSULATED

16206	R 18-6N	22-18	6	RED	.831	.315	100	
16208	R 18-8N		8		.827	.315		
16210	R 18-10N		10		.827	.315		
16214	R 18-14N	16-14	1/4	BLUE	1.008	.472		
16226	R 14-6N		6		.717	.256		50
16228	R 14-8N		8		.846	.315		
16230	R 14-10N		10		.846	.315		
16234	R 14-14N		1/4		1.059	.472		40
16236	R 14-56N		5/16		1.059	.472		
16246	R 10-6N	12-10	6	YELLOW	1.063	.374		
16248	R 10-8N		8		1.063	.374		
16250	R 10-10N		10		1.063	.374		
16254	R 10-14N		1/4		1.201	.472		
16256	R 10-56N		5/16		1.398	.591		
16258	R 10-38N		3/8		1.398	.591		

For other sizes and types, consult factory.



# RING TERMINALS

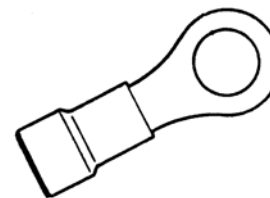
## R SERIES

### VINYL INSULATED

NAED NUMBER	CATALOG NUMBER	WIRE SIZE	STUD SIZE	COLOR	DIMENSIONS		QTY. PER BOX
					L	W	
16104	R 18-4V	22-18	4	RED	.90	.25	100
16106	R 18-6V		6		.831	.315	
16108	R 18-8V		8		.827	.315	
16110	R 18-10V		10		.827	.315	
16114	R 18-14V	16-14	1/4	BLUE	1.008	.472	
16126	R 14-6V		6		.717	.256	
16128	R 14-8V		8		.846	.315	
16130	R 14-10V		10		.846	.315	
16124	R 14-14V		1/4		1.059	.472	
16136	R 14-56V		5/16		1.059	.472	
16138	R 14-38V	3/8	1.19	.56			
16146	R 10-6V	12-10	6	YELLOW		.374	50
16148	R 10-8V		8		1.063	.374	
16150	R 10-10V		10			.374	
16154	R 10-14V		1/4		1.201	.472	40
16156	R 10-56V		5/16		1.398	.591	
16158	R 10-38V	3/8	1.398	.591			
16160	R 8-10V	#8	#10	RED			25
16164	R 8-14V		1/4		1.4	.60	
16168	R 8-38V		3/8				
16180	R 6-10V	#6	#10	BLUE	1.5		25
16184	R 6-14V		1/4		1.6	.62	
16186	R 6-56V		5/16		1.6	.62	
16188	R 6-38V		3/8		1.6		
16189	R 6-48V		1/2		20	.87	
16194	R 4-14V	#4	1/4	YELLOW			10
16196	R 4-56V		5/16		1.8	.68	
16198	R 4-38V		3/8				
16199	R 4-48V		1/2				



Butted Seam



Vinyl Insulated

Brazed Seam

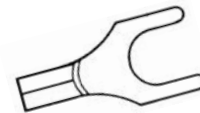


# FORK TERMINALS

## S SERIES

### NON-INSULATED

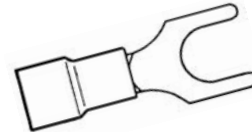
NAED NUMBER	CATALOG NUMBER	WIRE SIZE	STUD SIZE	COLOR	DIMENSIONS		QTY/ BOX
					L	W	
16301	S 18-4	22 - 18	4	—	.630	.228	100
16305	S 18-6		6		.630	.224	
16311	S 18-8		8		.646	.276	
16315	S 18-10		10		.689	.378	
16321	S 18-14		1/4		.787	.433	
16335	S 14-6	16 - 14	6	—	.622	.252	50
16341	S 14-8		8		.630	.315	
16345	S 14-10		10		.630	.315	
16351	S 14-14		1/4		.787	.472	
16365	S 10-6	12 - 10	6	—	.717	.354	50
16371	S 10-8		8				
16375	S 10-10		10				
16381	S 10-14		1/4				



Non-Insulated Butted Seam

### VINYL INSULATED

16401	S 18-4V	22 - 18	4	RED	.846	.228	100
16405	S 18-6V		6		.896	.228	
16411	S 18-8V		8		.862	.250	
16415	S 18-10V		10		.906	.376	
16421	S 18-14V	1/4	1.004	.433	50		
16431	S 14-4V	16 - 14	4	BLUE		.839	.252
16435	S 14-6V		6			.839	.252
16441	S 14-8V		8			.846	.315
16445	S 14-10V		10		.846	.315	
16451	S 14-14V	1/4	1.004	.472	50		
16465	S 10-6V	12 - 10	6	YELLOW		1.012	.354
16471	S 10-8V		8			1.012	.354
16475	S 10-10V		10			1.012	.354
16481	S 10-14V		1/4		1.287	.354	



Vinyl Insulated Butted Seam

### NYLON INSULATED

16501	S 18-4N	22 - 18	4	RED	.846	.228	100
16505	S 18-6N		6		.896	.224	
16511	S 18-8N		8		.862	.276	
16515	S 18-10N		10		.906	.378	
16521	S 18-14N		1/4		1.004	.433	
16535	S 14-6N	16 - 14	6	BLUE	.839	.252	50
16541	S 14-8N		8		.846	.315	
16562	S 14-10N		10		.846	.315	
16563	S 14-14N		1/4		1.004	.472	
16565	S 10-6N	12 - 10	6	YELLOW	1.012	.354	50
16571	S 10-8N		8				
16575	S 10-10N		10				
16581	S 10-14N		1/4				



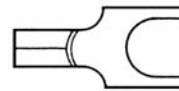
Nylon Insulated Sleeved Barrel



Flange Spade Suffix "F"



Locking Spade Suffix "L"



Block Spade Suffix "B"



## SPLICES

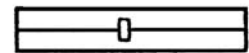


### BUTT SPLICES

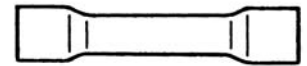
NAED NUMBER	CATALOG NUMBER	WIRE RANGE	COLOR	L	QTY/ BOX
70000	<b>B 18</b>	22-18	–	.57	100
70001	<b>B 14</b>	16-14	–	.57	100
70002	<b>B 10</b>	12-10	–	.57	50
70004	<b>* B 10S</b>	12-10	–	.82	50
70003	<b>* B 8</b>	8	–	.82	25
70010	<b>B 18V</b>	22-18	R	.95	100
70011	<b>B 14V</b>	16-14	B	1.02	100
70012	<b>B 10V</b>	12-10	Y	1.01	50
70013	<b>* B 8V</b>	8	R	1.46	25
70020	<b>B 18N</b>	22-18	R	1.01	100
70021	<b>B 14N</b>	16-14	B	1.02	100
70022	<b>B 10N</b>	12-10	Y	1.01	50

\* Seamless

Non-Insulated  
Butted Seam



Vinyl Insulated  
Butted Seam

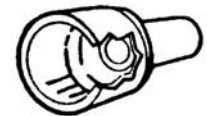


Nylon Insulated  
Seamless

### NYLON PIGTAILS

70031	<b>C 14N</b>	22-14	Clear	.69	100
70032	<b>C 10N</b>	18-10	Clear	.73	50

Closed  
End Connectors

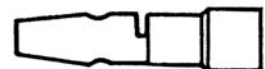


### SNAP PLUGS

Male

70050	<b>SP 14</b>	16-14	–	.58	50
70051	<b>SP 14V</b>		B	.84	50

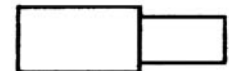
Vinyl Insulated  
Butted Seam



Female

70061	<b>FSP 156N</b>	16-14	B	1.025	50
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Nylon Insulated  
Seamless



### TOPHAT™

#### Open-end Splices

Manufactured from electrolytic copper

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	FINISH	CTN QTY
70045	<b>CC-C</b>	For #18 - #10 AWG solid copper conductors 2 or 3#18, 2#16, 2#14, 2#12, 2#10, 2#10 & 2#14	COPPER	100



Cu/Cu  
Only

Open end  
connectors



Use Heavy Head Tool #HHHT  
P/N 69355 for UL listing



# GREAVES

## SPADE DISCONNECTS

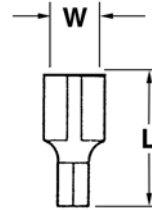


### F/M SERIES

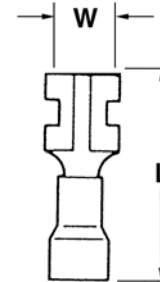
NAED NUMBER	CATALOG NUMBER	WIRE RANGE	STOCK & SPADE SIZE	COLOR	DIMENSIONS		QTY/ BOX
					L	W	
<b>FEMALE DISCONNECTS</b>							
16600	F 18-110		.020 x .110		.54	.16	100
16602	F 18-187	22-18	.020 x .187	—	.63	.23	
16604	F 18-250		.032 x .250		.63	.31	
16606	F 14-110		.020 x .110		.54	.16	
16608	F 14-187	16-14	.020 x .187	—	.63	.23	
16610	F 14-250		.032 x .250		.63	.31	
16612	F 10-250	12-10	.032 x .250	—	.63	.31	50
<b>FEMALE DISCONNECTS</b>							
16620	F 18-110V		.020 X.110		.77	.16	100
16622	F 18-187V	22-18	.020 X.187	R	.86	.23	
16624	F 18-250V		.032 X.250		.93	.31	
16626	F 14-110V		.020 X.110		.77	.16	
16628	F 14-187V	16-14	.020 X.187	B	.87	.23	
16630	F 14-250V		.032 X.250		.87	.31	
16632	F 10-250V	12-10	.032 X.250	Y	.93	.31	50
<b>FEMALE DISCONNECTS</b>							
16640	F 18-110N		.020 X.110		.77	.16	100
16642	F 18-187N	22-18	.020 X.187	R	.87	.23	
16644	F 18-250N		.032 X.250		.87	.32	
16646	F 14-110N		.020 X.110		.77	.16	
16648	F 14-187N	16-14	.020 X.187	B	.87	.23	
16650	F 14-250N		.032 X.250		.87	.32	
16652	F 10-250N	12-10	.032 X.250	Y	.97	.31	50
<b>MALE DISCONNECTS</b>							
16660	M 18-250	22-18	.032 X .250	—	.72	.25	100
16662	M 14-187	16-14	.020 X .187	—	.51	.19	
16664	M 14-250		.032 X .250	—	.72	.25	
16666	M 10-250	12-10	.032 X.250	—	.77	.25	50
<b>MALE DISCONNECTS</b>							
16680	M 18-250V	22-18	.032 X.250	R	.97	.25	100
16682	M 14-187V	16-14	.020 X.187	B	.80	.19	
16684	M 14-250V		.032 X.250		.94	.25	
16686	M 10-250V	12-10	.032 X.250	Y	1.05	.25	50
<b>MALE DISCONNECTS</b>							
16690	M 18-250N	22-18	.032 X.250	R	.97	.25	100
16692	M 14-187N	16-14	.020 X.187	B	.82	.19	
16694	M 14-250N		.032 X.250		.97	.25	
16696	M 10-250N	12-10	.032 X.250	Y	1.05	.25	

R - Red  
B - Blue  
Y - Yellow

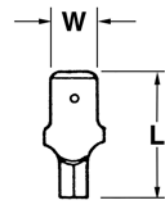
Non-Insulated  
Butted Seam



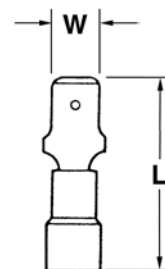
Vinyl  
Insulated  
Butted Seam



Nylon  
Insulated  
Sleeved  
Barrel



Non-Insulated  
Butted Seam



Vinyl  
Insulated  
Butted Seam

Nylon  
Insulated  
Sleeved  
Barrel



## SPADE DISCONNECTS

### FULLY NYLON INSULATED

For use where a touch-safe connection is important  
Copper, tin-plated  
Fully nylon insulated

#### F/M-FN SERIES Straight Configuration

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	COLOR	SPADE SIZE	DIMENSIONS		QTY/ BOX
					LENGTH	WIDTH	

##### FEMALE DISCONNECTS

16705	F 18-250FN	#22-18	RED		.84		
16715	F 14-250FN	#18-14	BLUE	.032 X .250	.84	.38	50
16725	F 10-250FN	#12-10	YELLOW		.94		

##### MALE DISCONNECTS

16706	M 18-250FN	#22-18	RED		1.0		
16716	M 14-250FN	#18-14	BLUE	.032 X .250	1.0	.47	50
16726	M 10-250FN	#12-10	YELLOW		1.1		

#### FL-FN SERIES Flag Configuration

##### FEMALE DISCONNECTS

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	COLOR	SPADE SIZE	DIMENSIONS		QTY/ BOX
					LENGTH	WIDTH	

16708	FL 18-250FN	#22-18	RED		.56		
16718	FL 14-250FN	#16-14	BLUE	.032 X .250	.38	.63	50

### NON-INSULATED

#### FL SERIES Flag Configuration

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	SPADE SIZE	DIMENSIONS		QTY/ BOX
				LENGTH	WIDTH	

16722	FL 14-250	#16-14		.52	.38	
16720	FL 10-250	#12-10	.032 X .250	.63	.38	50

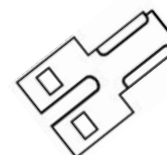
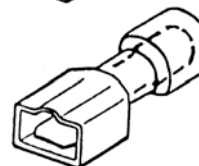
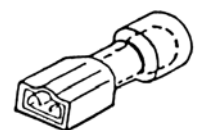
#### MMF SERIES Split Configuration

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	SPADE SIZE	DIMENSIONS		QTY/ BOX
				LENGTH	WIDTH	

16724	MMF-250	-	.032 X .250	.75	.56	50
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Male and female FN  
Straight Configuration  
Spade Disconnects  
form fully insulated sets.





# GREAVES

## CRIMP TERMINALS



### HIGH TEMPERATURE

For high temperature applications such as in heating systems, glass furnaces, processing ovens, HVAC systems

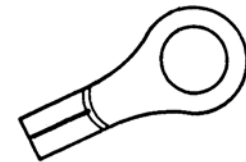
Rated for temperature up to 700°F

Mild steel with bright nickel plating, non-insulated, butted seam  
Use on high-temperature wire suitable for the environment

### R-HT SERIES

#### Ring Terminals

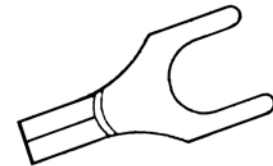
NAED NUMBER	CATALOG NUMBER	WIRE RANGE	STUD SIZE	DIMENSIONS		QTY/ BOX
				LENGTH	WIDTH	
16803	R 18-10HT	#22-18	#10	.69	.31	50
16811	R 14-6HT		#6	.65	.25	
16813	R 14-10HT	#16-14	#10	.69	.31	50
16814	R 14-14HT		1/4	.90	.46	
16821	R 10-6HT		#6	.67	.28	
16822	R 10-8HT		#8	.72	.37	
16823	R 10-10HT	#12-10	#10	.72	.37	50
16824	R 10-14HT		1/4	.91	.53	
16825	R 10-38HT		3/8	.97	.60	
16833	R 8-10HT	#8	#10	.97	.47	25
16834	R 8-14HT		1/4			



### S-HT SERIES

#### Fork Terminals

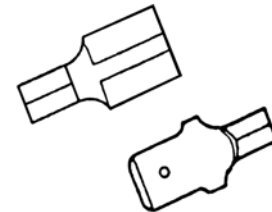
NAED NUMBER	CATALOG NUMBER	WIRE RANGE	STUD SIZE	DIMENSIONS		QTY/ BOX
				LENGTH	WIDTH	
16841	S 14-6HT	#16-14	#6	.68	.34	100
16842	S 14-8HT	#16-14	#8	.68	.34	100
16854	S 10-10HT	#12-10	#10	.75	.38	50



### F/M-HT SERIES

#### Spade Disconnects

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	SPADE SIZE	DIMENSIONS		QTY/ BOX
				LENGTH	WIDTH	
<b>FEMALE DISCONNECTS</b>						
16865	F 14-250HT	#16-14	.032 x .250	.63	.31	50
16875	F 10-250HT	#12-10	.032 x .250	.63	.31	50
<b>MALE DISCONNECTS</b>						
16885	M 14-250HT	#16-14	.032 x .250	.70	.25	50



### B-HT SERIES

#### Butt Splices

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	DIMENSIONS		QTY/ BOX
			LENGTH	I.D.	
16893	B 14HT	#16-14	.57	.090	50
16894	B 10HT	#12-10	.57	.138	50

