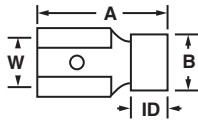
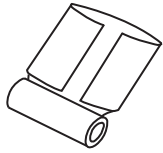


HOW TO SELECT THE PROPER PENN-CRIMP

CATALOG NO. EXAMPLE	R TONGUE	4 BARREL SIZE	B WIRE RANGE	6 STUD SIZE	S SPECIAL
	TONGUE	SEE GENERAL INDEX FOR LETTER CODE			
	1 - BUTTED SEAM	PURE ELECTROLYTIC COPPER, ANNEALED, ELECTRO-TIN PLATED FOR CORROSION RESISTANCE, DESIGNED WITH DEEP INTERNAL SERRATIONS FOR FIRM WIRE GRIP.			
	2 - BRAZED SEAM	SAME AS TYPE 1 EXCEPT WITH A BRAZED SEAM TO ASSURE MAXIMUM STRENGTH OF WIRE TERMINATIONS.			
BARREL TYPE	4 - VINYL INSULATION	SAME AS TYPE 1 WITH A NEMA COLOR-CODED, FUNNELED, VINYL INSULATING SLEEVE WHICH WHEN CRIMPED, GRIPS THE WIRE INSULATION TO AVOID FLEXING AT POINT OF CRIMPS, UL RATED AT 90° C, 600 V.			
	4N - NYLON INSULATION NO BRASS SLEEVE	SAME AS TYPE 1 WITH COLOR-CODED NYLON INSULATING SLEEVE WITHOUT BRASS SLEEVE. UL RATED AT 105° C, 600 V.			
	6 - NYLON INSULATION BRASS SLEEVE	SAME AS TYPE 1 WITH NEMA COLOR CODED, NYLON INSULATING SLEEVE OR OVER A TIN PLATED BRASS SLEEVE WHICH OFFERS MAXIMUM CRIMP STRENGTH WHERE EXTREME VIBRATION AND FLEXING ARE ENCOUNTERED. UL RATED AT 105° C, 600 V.			
	7 - SEAMLESS TUBE	PURE ELECTROLYTIC COPPER, SEAMLESS, ANNEALED AND ELECTRO-TIN PLATED FOR EXTRA STRENGTH IN A CRIMP			
	8 - NYLON INSULATION SEAMLESS TUBE	SAME AS TYPE 7 WITH A NYLON INSULATION FOR USE WHERE EXCESSIVE VIBRATION ENVIRONMENT ARE ENCOUNTERED.			
	9 - HI-TEMPERATURE	NICKEL-PLATED, COLD ROLLED STEEL, BUTTED SEAM TERMINALS FOR TEMPERATURES UP TO 900 DEGREES F.			

WIRE RANGE		STUD SIZE	0 - #0	56 - 5/16"
0 - 26-24	D - 16-12		2 - #2	38 - 3/8"
A - 22-18	E - 8		4 - #4	50 - 1/2"
B - 16-14	F - 6		6 - #6	110 - .110 NEMA TAB
C - 12-10	G - 4		8 - #8	187 - .187 NEMA TAB
			10 - #10	250 - .250 NEMA TAB
			14 - 1/4"	
		SPECIAL		
		___ BLANK ---STANDARD		
		S - SMALL/NARROW TONGUE		
		F - FULLY INSULATED		
		- HS PRE INSULATED HEAT SHRINKABLE.		

COPPER PENN-CRIMPS® • TYPE FLFR

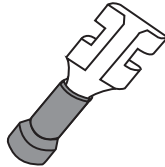
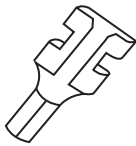


One piece, pure electrolytic copper, annealed and tin plated for corrosion resistance. Type FLFR features a side entrance chamfer to permit connections of ninety degrees without bending the wire. Provides quick, reliable snap-together interconnections without the use of tools. Made with Penn-Crimps quality to assure maximum longevity and productivity.

FEMALE FLAG DISCONNECTS - BUTTED SEAM

Catalog Number	Copper Cond. Range	Tab Size (in)	Approximate Dimensions in Inches			
			A	W	B	ID
FLFR1A-250	22-18	.020	.50	.25	.250	.070
FLFR1B-250	16-14	.020	.50	.25	.250	.090

COPPER PENN-CRIMPS® • TYPE FR

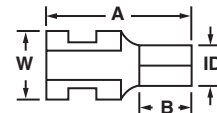


One piece, high grade copper alloy construction with electro-tin plating for corrosion resistance. Snap-together construction of mating male and female disconnects provides quick, reliable interconnections without tools. Quality crafted for long term dependability and performance.

NON-INSULATED FEMALE DISCONNECTS

BUTTED SEAM

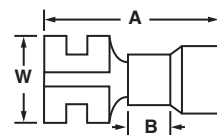
Catalog Number	Copper Cond. Range	Tab Size (in)	Approximate Dimensions in Inches			
			A	W	B	ID
FR1A110 *	22-18	.020 x .110	.54	.16	.220	.070
FR1A187 *	22-18	.020 x .187	.63	.23	.250	.070
FR1A250 *	22-18	.032 x .250	.63	.31	.234	.070
FR1B110 *	16-14	.020 x .110	.54	.16	.220	.110
FR1B187 *	16-14	.020 x .187	.63	.23	.250	.070
FR1B250 *	16-14	.032 x .250	.63	.31	.234	.090
FR1C250 *	12-10	.032 x .250	.63	.31	.234	.170



INSULATED FEMALE DISCONNECTS

VINYL INSULATED - BUTTED SEAM

Catalog Number	Copper Cond. Range	Color Code (ins)	Tab Size (in)	Max. Insul. Diam.	Approximate Dimensions in Inches			
					A	W	B	ID
FR4A110	22-18	R	.020 x .110	.14	.77	.16	.220	.050
FR4A187	22-18	R	.020 x .187	.14	.86	.23	.172	.070
FR4A250	22-18	R	.032 x .250	.14	.93	.31	.234	.070
FR4B110	16-14	B	.020 x .110	.14	.77	.16	.220	.070
FR4B187	16-14	B	.020 x .187	.14	.87	.23	.172	.070
FR4B250	16-14	B	.032 x .250	.14	.87	.31	.234	.070
FR4C250 †	12-10	Y	.032 x .250	.25	1.08	.31	.234	.136



NYLON INSULATED - BUTTED SEAM WITH BRASS SLEEVE

FR6A110	22-18	R	.020 x .110	.12	.77	.16	.220	.050
FR6A187	22-18	R	.020 x .187	.12	.87	.23	.250	.070
FR6A250	22-18	R	.032 x .250	.12	.87	.32	.234	.070
FR6B110	16-14	B	.020 x .110	.14	.77	.16	.220	.070
FR6B187	16-14	B	.020 x .187	.14	.87	.23	.172	.070
FR6B250	16-14	B	.032 x .250	.14	.87	.32	.234	.070
FR6C250 *	12-10	Y	.032 x .250	.25	.97	.31	.234	.136