PENNUNION
229 Waterford Street • Edinboro, PA 16412-2398
Phone 814.734.1631 • Fax 814.734.4946

HOW TO SELECT THE PROPER PENN-CRIMP

CATALOG NO. EXAMPLE	R	4	B	6	S
	TONGUE	BARREL SIZE	WIRE RANGE	STUD SIZE	SPECIAL

TONGUE — SEE GENERAL INDEX FOR LETTER CODE

BARREL TYPE

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.

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

0 - 26-24	D - 16-12
A - 22-18	E - 8
B - 16-14	F - 6
C - 12-10	G - 4

STUD SIZE

0 - #0	56 - 5/16"
2 - #2	38 - 3/8"
4 - #4	50 - 1/2"
6 - #6	110 - .110 NEMA TAB
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.

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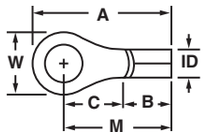
COPPER PENN-CRIMPS • TYPE R2

Non-insulated ring terminal with brazed seam

CU



Same high quality construction as the Type R1 terminals, except the Type R2 features a brazed seam. Our unique process bonds the seam to assure the maximum strength in wire termination. This feature allows for crimping anywhere on the barrel circumference. Exeeds UL and CSA requirements, guaranteeing a high quality connection.

Catalog Number	Copper Cond. Range	Stud Size	Stock Size (in)	Approx. Dimen. in Inches					
				A	W	C	M	B	ID
R2A-6	22-18	6	.030	.69	.31	.28	.54	.250	.070
R2A-6S	22-18	6	.030	.65	.25	.28	.54	.250	.070
R2A-8	22-18	8	.030	.69	.31	.28	.54	.250	.070
R2A-8S	22-18	8	.030	.65	.25	.28	.54	.250	.070
R2A-10	22-18	10	.030	.69	.31	.28	.54	.250	.070
R2A-14	22-18	1/4	.030	.94	.53	.42	.67	.250	.070
R2A-14S	22-18	1/4	.030	.90	.46	.42	.67	.250	.070
R2A-56	22-18	5/16	.030	.94	.53	.42	.67	.250	.070
R2A-56S	22-18	5/16	.030	.90	.46	.42	.67	.250	.070
R2A-38	22-18	3/8	.030	.94	.53	.42	.67	.250	.070
R2B-6	16-14	6	.030	.69	.31	.28	.54	.242	.090
R2B-6S	16-14	6	.030	.65	.25	.28	.54	.242	.090
R2B-8	16-14	8	.030	.69	.31	.28	.54	.250	.090
R2B-8S	16-14	8	.030	.69	.31	.28	.54	.250	.090
R2B-10	16-14	10	.030	.69	.31	.28	.54	.250	.090
R2B-14	16-14	1/4	.030	.94	.53	.42	.67	.260	.090
R2B-14S	16-14	1/4	.030	.90	.46	.42	.67	.260	.090
R2B-56	16-14	5/16	.030	.94	.53	.42	.67	.250	.090
R2B-56S	16-14	5/16	.030	.90	.46	.42	.67	.250	.090
R2B-38	16-14	3/8	.030	.94	.53	.42	.67	.260	.090
R2C-6	12-10	6	.040	.72	.38	.28	.54	.250	.130
R2C-6S	12-10	6	.040	.67	.28	.28	.54	.250	.130
R2C-8	12-10	8	.040	.72	.38	.28	.54	.250	.130
R2C-8S	12-10	8	.040	.67	.28	.28	.54	.255	.130
R2C-10	12-10	10	.040	.72	.38	.28	.54	.255	.130
R2C-14	12-10	1/4	.040	.98	.61	.38	.67	.255	.130
R2C-14S	12-10	1/4	.040	.94	.53	.38	.67	.255	.130
R2C-56	12-10	5/16	.040	.98	.61	.38	.67	.255	.130
R2C-56S	12-10	5/16	.040	.94	.53	.38	.67	.255	.130
R2C-38	12-10	3/8	.040	.98	.58	.38	.67	.255	.130
R2E-8SS +	8	8	.050	.91	.38	.34	.72	.375	.165
R2E-10 +	8	10	.050	1.07	.60	.45	.78	.375	.165
R2E-10S +	8	10	.050	.96	.47	.34	.72	.375	.165
R2E-10SS +	8	10	.050	.91	.38	.34	.72	.375	.165
R2E-14 +	8	1/4	.050	1.07	.60	.45	.78	.375	.165
R2E-14S +	8	1/4	.050	.96	.47	.38	.72	.375	.165
R2E-56 +	8	5/16	.050	1.07	.60	.45	.78	.375	.165
R2E-38 +	8	3/8	.050	1.07	.60	.45	.78	.375	.165
R2E-50 *+	8	1/2	.050	1.75	.88	.99	1.30	.320	.165
R2F-10 +	6	10	.050	1.20	.63	.50	.88	.375	.224
R2F-10S +	6	10	.050	1.11	.47	.50	.88	.375	.224
R2F-14 +	6	1/4	.050	1.20	.63	.50	.88	.375	.224
R2F-14S +	6	1/4	.050	1.11	.47	.50	.88	.375	.224
R2F-56 +	6	5/16	.050	1.20	.63	.50	.88	.375	.224
R2F-38 +	6	3/8	.050	1.20	.63	.50	.88	.375	.224
R2F-50 *+	6	1/2	.050	1.85	.81	1.00	1.38	.375	.224
R2G-10 +	4	10	.075	1.34	.66	.55	.99	.450	.278
R2G-10S +	4	10	.075	1.26	.45	.50	.99	.450	.278
R2G-14 +	4	1/4	.075	1.34	.66	.55	.99	.450	.278
R2G-14S +	4	1/4	.075	1.26	.45	.45	.90	.450	.278
R2G-56 +	4	5/16	.075	1.34	.66	.55	.99	.437	.278
R2G-38 +	4	3/8	.075	1.34	.66	.55	.99	.437	.278
R2G-50 *+	4	1/2	.075	1.34	.66	.55	.99	.437	.278

**Not UL listed +Not CSA listed*

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