

# ***AMPOWER TERMINALS AND SPLICES***

*The AMPOWER product line is available in a variety of terminal and splice styles to suit your design requirements.*



## Table of contents

Product Facts .....	3
Table Listing: mm <sup>2</sup> to AWG .....	4
Features .....	5
Terminals .....	6
Splices .....	10
Special Terminals.....	13
Application Tooling .....	14

AMPOWER terminals and splices are ideally suited for power generation and distribution. This makes electrical equipment subject to continuous operation, such as generators, motors and welders, a perfect application for AMPOWER products. In addition, other applications include interconnections of power supplies to computers and peripheral equipment.

## Product Facts

- Designed for large cables and leads
- Ideally suited for power generation and distribution
- Accepts a wide range of stranded copper wires (6 AWG to 1000 MCM [13-507 mm<sup>2</sup>]-for terminals and up to 1500 MCM [760 mm<sup>2</sup>] for splices)
- Available in a variety of terminal and splice styles
- High-quality, seamless tubular copper for maximum conductivity
- Listed by Underwriters Laboratories, Inc. File No. E13288, Spec. 486
- Certified by the Canadian Standards Association File No. LR7189

## Crimp Method

Our compression crimping method of terminating electrical wire is an exact science. The application technique is totally mechanical and therefore completely controllable. For this reason it is also uniform from first to last crimp. Variables common to other methods such as melting temperature, flux composition, entrapped gases, heat deformation of conductors, oxidation and the like are eliminated. The termination resulting from this method offers excellent tensile strength and high conductivity.

AMPOWER terminals and splices are made of high quality seamless tubular copper for excellent conductivity. Our special tin plating process inhibits corrosion, and provides trouble-free service. A special die stamping process converts the copper tube into a double thickness rectangular tongue with a short strong transfer section. These factors combine with the formulated AMPOWER terminal crimp to produce excellent conductivity and excellent strength.

## Specified Packaging

Wire Size	No. of Terminals Per Package
6 and 4 AWG	100
2 AWG and 1/0 thru 4/0 AWG	50
250-1500 MCM	25

## Stud Size Dimensions\*

Stud Size	Stud Dia.	Stud Hole Dia.
10	<b>0.190</b> 4.83	<b>0.197</b> 5.00
1/4 M6	<b>0.250</b> 6.35	<b>0.265</b> 6.75
5/6 M8	<b>0.312</b> 7.92	<b>0.328</b> 8.33
3/8	<b>0.375</b> 9.53	<b>0.390</b> 9.91
7/16	<b>0.437</b> 11.1	<b>0.453</b> 11.51
1/2 M12	<b>0.500</b> 12.7	<b>0.515</b> 13.08
5/8 M16	<b>0.625</b> 15.88	<b>0.656</b> 16.66
3/4	<b>0.750</b> 19.05	<b>0.781</b> 19.84
7/8 M22	<b>0.875</b> 22.23	<b>0.906</b> 23.01
1	<b>1.000</b> 25.4	<b>1.031</b> 26.19
1 1/8	<b>1.125</b> 28.58	<b>1.156</b> 29.36
1 1/4	<b>1.250</b> 31.75	<b>1.281</b> 32.54

\* Use as an aid for the selection of proper terminal size.

**inches / (mm)**

# TABLE LISTING: MM<sup>2</sup> TO AWG

## Overview - Wire sizes: mm<sup>2</sup> to AWG (American Wire Gauge)

Wire sizes	
(mm <sup>2</sup> )	(AWG)
13-15	6
21	4
34-35	2
50-60	1/0
67-70	2/0
80-95	3/0
100-125	4/0
127	250 MCM
152	300 MCM
177	350 MCM
203	400 MCM
253	500 MCM
304	600 MCM*
	600 MCM HD*
355	700 MCM*
405	800 MCM*
456	900 MCM*
507	1000 MCM*
634	1250 MCM*
761	1500 MCM*

\* Terminals and splices of wire size 600 MCM and above require two crimps for optimum mechanical and electrical performance.

## Overview - Class 2 and Class 5 - Wire sizes

Rigid Stranded Wires (Class 2)	Flexible Wires (Class 5)
Wire sizes (mm <sup>2</sup> )	
10.0	6.0
16.0	10.0
25.0	16.0
35.0	25.0
50.0	35.0
70.0	50.0
95.0	70.0
120.0	95.0
150.0	120.0
185.0	150.0
240.0	185.0
300.0	240.0

# FEATURES

## 1. Versatility

Stranded wires, crimped with the DYNA-CRIMP tool, become almost a homogeneous mass with the AMPOWER terminal or splice barrel. Long barrel terminals and splices are offered for applications where space limitations and accessibility make it difficult to locate the proper crimp area. Complementing this versatility is the stud hole style available with AMPOWER terminals. They are supplied with one, two or without stud holes for special requirements, or they can be ordered with extra long tongues at a slightly higher cost.

## 2. Strength

AMPOWER terminals have formidable strength and resistance to vibration suitable for their intended use. This strength comes from the double-thick tongue and short transfer section of the barrel, and is achieved without sacrificing any current carrying capacity. In addition, great tensile strength is imparted to the AMPOWER terminals and splices by means of AMP's formulated "C" crimp strength approaches the strength of the conductors.

## 3. Economy

An important part of all AMP products is low installed cost. This is a result of the tool and terminal team, the elimination of clutter found in other methods, plus the speed and ease of application. And AMP's matching tooling creates the correct crimp. As a result, you save money every time an AMPOWER product is installed.

## 4. Conductivity, corrosion resistance and temperature rise

The center of the AMP termination method is the exactly controlled "C" crimp that forms the terminal or splice barrel into an almost homogeneous unit. As a result, conductivity is maximized and tensile strength approaches that of the wire. Proper compression crimping brings the terminal into intimate contact with the conductor, producing excellent resistance to corrosion. Tests of temperature rise above ambient also confirm the excellent performance of AMPOWER terminals and splices.

## 5. Positive inspection

Standard AMPOWER terminals and splices are supplied with inspection slots in the barrel, allowing the tool operator or inspector to determine at a glance whether the conductors have been fully and properly inserted into the barrel. This can be done either before or after crimping. Wire stops prevent over insertion of conductors, and bell mouth construction makes it easy to insert conductors into the barrel.

## 6. Broad wire size range

Covering wire sizes from 6 AWG to 1000 MCM [13 to 507 mm<sup>2</sup>]-for terminals and up to 1500 [760 mm<sup>2</sup>] for splices. AMPOWER terminals and splices provide reliability and low cost installation for power equipment using large cable sizes.



Terminals  
With Two Stud Holes  
See pages 6-10



Long Barrel Terminal  
Without Stud Hole  
See pages 6-10



Standard Terminals  
With One Stud Hole  
See pages 6-10



Parallel Splice  
See page 12



Standard Terminals  
Without Stud Hole  
See pages 6-10



Butt Splice  
See page 11

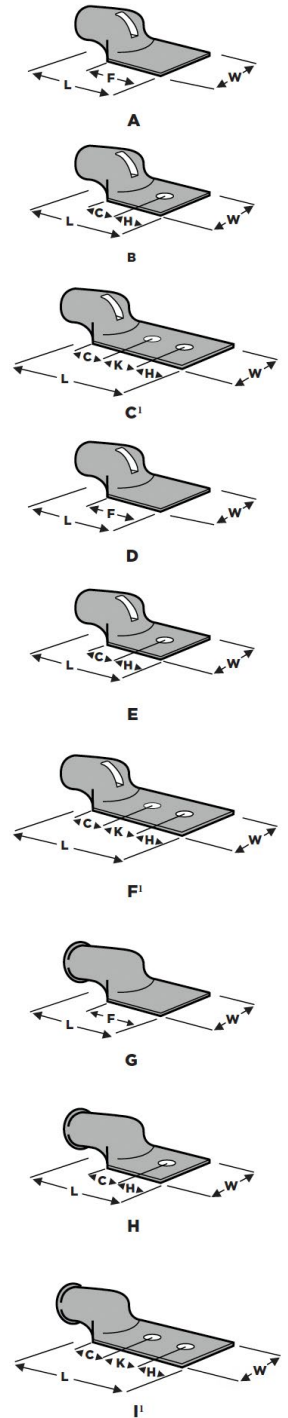


Long Barrel  
Butt Splice  
See page 10

# TERMINALS

Base material: Annealed Copper (ASTM B-188)<sup>2</sup>  
Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Tongue Thickness Max.	Style	Stud Size	Dimensions						Part Number
						L Max.	H Max.	C Min.	K	F Min.	W Max.	
6 AWG 13-15 mm <sup>2</sup>	20,800- 33,100 CM	<b>0.219</b> 5.56	<b>0.08</b> 2.03	B	10 -	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328141</a>
				B	1/4 M6	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328142</a>
				B	5/16 M8	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328143</a>
				B	3/8 -	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328144</a>
				B	1/2 M12	<b>1.43</b> 36.32	<b>0.38</b> 9.65	<b>0.43</b> 10.92	-	-	<b>0.77</b> 19.56	<a href="#">328158</a>
4 AWG <sup>2</sup> 21 mm <sup>2</sup>	33,100- 52,600 CM	<b>0.275</b> 6.99	<b>0.08</b> 2.03	B	1/4 M6	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328162</a>
				B	5/16 M8	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328163</a>
				B	3/8 -	<b>1.41</b> 35.81	<b>0.32</b> 8.13	<b>0.42</b> 10.67	-	-	<b>0.69</b> 17.53	<a href="#">328164</a>
2 AWG 34-35 mm <sup>2</sup>	52,600- 83,700 CM	<b>0.362</b> 9.19	<b>0.09</b> 2.29	B	1/4 M6	<b>1.62</b> 41.15	<b>0.34</b> 8.64	<b>0.50</b> 12.70	-	-	<b>0.71</b> 18.03	<a href="#">325201</a>
				B	5/16 M8	<b>1.62</b> 41.15	<b>0.34</b> 8.64	<b>0.50</b> 12.70	-	-	<b>0.71</b> 18.03	<a href="#">325202</a>
				B	3/8 -	<b>1.62</b> 41.15	<b>0.34</b> 8.64	<b>0.50</b> 12.70	-	-	<b>0.71</b> 18.03	<a href="#">325203</a>
				B	1/2 M12	<b>1.70</b> 43.18	<b>0.41</b> 10.41	<b>0.50</b> 12.70	-	-	<b>0.78</b> 19.81	<a href="#">325250</a>
				C	3/8 -	<b>2.63</b> 66.80	<b>0.34</b> 8.64	<b>0.50</b> 12.70	<b>1.00</b> 25.40	-	<b>0.71</b> 18.03	<a href="#">326799</a>
1/0 AWG 50-60 mm <sup>2</sup>	83,700- 119,500 CM	<b>0.485</b> 11.63	<b>0.10</b> 2.54	A	-	<b>1.97</b> 50.04	-	-	-	<b>1.03</b> 26.16	<b>0.87</b> 22.10	<a href="#">325300</a>
				B	1/4 M6	<b>1.97</b> 50.04	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">325301</a>
				B	5/16 M8	<b>1.97</b> 50.04	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">325302</a>
				B	3/8 -	<b>1.97</b> 50.04	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">325303</a>
				B	7/16 -	<b>1.97</b> 50.04	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">325304</a>
				C	5/16 M8	<b>2.94</b> 74.68	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">328169</a>
				B	1/2 M12	<b>1.97</b> 50.04	<b>0.42</b> 10.67	<b>0.62</b> 15.75	-	-	<b>0.87</b> 22.10	<a href="#">325305</a>
				C	3/8 -	<b>2.98</b> 75.69	<b>0.42</b> 10.67	<b>0.62</b> 15.75	<b>1.00</b> 25.40	-	<b>0.87</b> 22.10	<a href="#">326800</a>
				I	1/2 M12	<b>4.27</b> 108.46	<b>0.42</b> 10.67	<b>0.62</b> 15.75	<b>1.75</b> 44.45	-	<b>0.87</b> 22.10	<a href="#">53680-2</a>



inches / (mm)

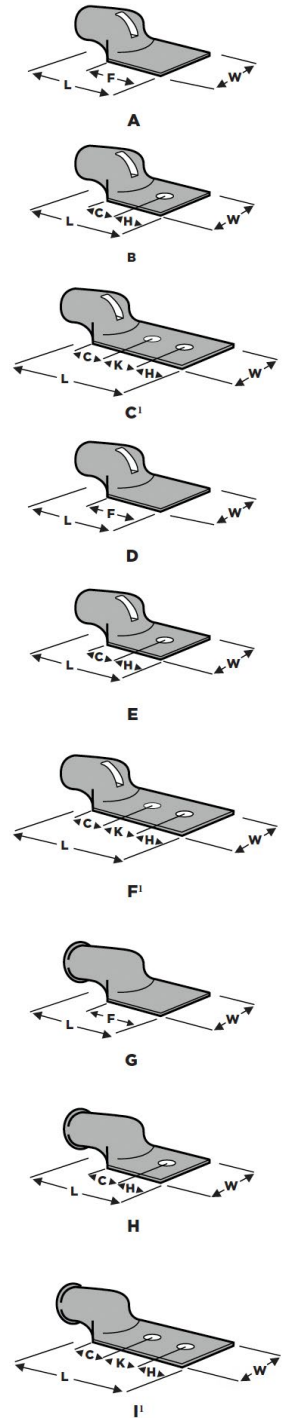
<sup>1</sup> Per NEMA specification.

<sup>2</sup> Terminals for wire sizes 6 AWG and 4 AWG are manufactured from annealed copper per ASTM B-152. Dimensions displayed in **inches** / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

# TERMINALS

Base material: Annealed Copper (ASTM B-188)  
Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Tongue Thickness Max.	Style	Stud Size	Dimensions						Part Number
						L Max.	H Max.	C Min.	K	F Min.	W Max.	
2/0 AWG 67-70 mm <sup>2</sup>	119,500-150,500 CM	0.513 13.03	0.11 2.79	B	1/4 M6	2.11 53.59	0.47 11.94	0.62 15.75	-	-	0.97 24.64	<a href="#">325401</a>
				B	5/16 M8	2.11 53.59	0.47 11.94	0.62 15.75	-	-	0.97 24.64	<a href="#">325402</a>
				C	5/16 M8	2.50 63.50	0.32 8.13	0.50 12.70	0.687 <sup>1</sup> 17.45	-	0.97 24.64	<a href="#">55992-1</a>
				B	3/8 -	2.11 53.59	0.47 11.94	0.62 15.75	-	-	0.97 24.64	<a href="#">325403</a>
				B	1/2 M12	2.11 53.59	0.47 11.94	0.62 15.75	-	-	0.97 24.64	<a href="#">325405</a>
				A	-	3.86 98.04	-	-	-	2.83 71.88	0.97 24.64	<a href="#">325406</a>
				C	3/8 -	3.12 79.25	0.47 11.94	0.62 15.75	1.00 25.40	-	0.97 24.64	<a href="#">326801</a>
				I	1/2 M12	4.47 113.54	0.47 11.94	0.62 15.75	1.75 44.45	-	0.97 24.64	<a href="#">53681-2</a>
3/0 AWG 80-95 mm <sup>2</sup>	150,500-190,000 CM	0.576 14.63	0.12 3.05	B	5/16 M8	2.26 57.40	0.62 15.75	0.62 15.75	-	-	1.08 27.43	<a href="#">325502</a>
				B	3/8 -	2.26 57.40	0.62 15.75	0.62 15.75	-	-	1.08 27.43	<a href="#">325503</a>
				B	1/2 M12	2.26 57.40	0.62 15.75	0.62 15.75	-	-	1.08 27.43	<a href="#">325505</a>
				A	-	4.02 102.11	-	-	-	2.89 73.41	1.08 27.43	<a href="#">325508</a>
				C	3/8 -	3.27 83.05	0.62 15.75	0.62 15.75	1.00 25.40	-	1.08 27.43	<a href="#">326802</a>
4/0 AWG 100-125 mm <sup>2</sup>	190,000-231,000 CM	0.648 16.46	0.13 3.30	B	5/16 M8	2.45 62.23	0.62 15.75	0.62 15.75	-	-	1.19 30.23	<a href="#">325602</a>
				B	3/8 -	2.45 62.23	0.62 15.75	0.62 15.75	-	-	1.19 30.23	<a href="#">325603</a>
				B	1/2 M12	2.45 62.23	0.62 15.75	0.62 15.75	-	-	1.19 30.23	<a href="#">325605</a>
				C	3/8 -	3.46 87.88	0.62 15.75	0.62 15.75	1.00 25.40	-	1.19 30.23	<a href="#">326803</a>
				A	-	4.21 106.93	-	-	-	2.95 74.93	1.19 30.23	<a href="#">325610</a>
				G	-	4.94 125.48	-	-	-	2.95 74.93	1.19 30.23	<a href="#">325614</a>
				C	1/2 M12	4.21 106.93	0.62 15.75	0.62 15.75	1.75 44.45	-	1.19 30.23	<a href="#">327284</a>
				I	1/2 M12	4.94 125.48	0.62 15.75	0.62 15.75	1.75 44.45	-	1.19 30.23	<a href="#">53683-2</a>



\*\* No sight hole.

inches / (mm)

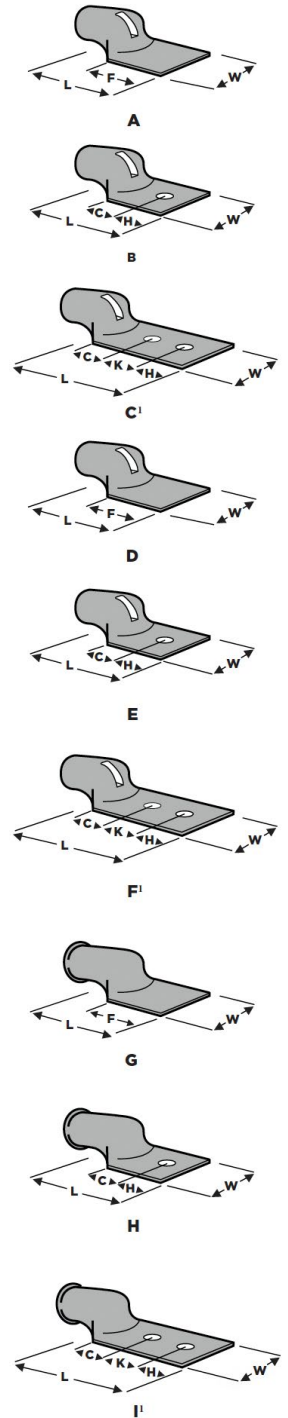
<sup>1</sup> Per NEMA specification.

Dimensions displayed in inches / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

# TERMINALS

Base material: Annealed Copper (ASTM B-188)  
Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Tongue Thickness Max.	Style	Stud Size	Dimensions						Part Number
						L Max.	H Max.	C Min.	K	F Min.	W Max.	
250 MCM 127mm <sup>2</sup>	231-275 MCM	0.690 17.53	0.15 3.81	B	5/16 M8	2.58 65.53	0.63 16.00	0.62 15.75	-	-	1.28 32.51	<a href="#">325702</a>
				B	3/8 -	2.58 65.53	0.63 16.00	0.62 15.75	-	-	1.28 32.51	<a href="#">325703</a>
				B	1/2 M12	2.58 65.53	0.63 16.00	0.62 15.75	-	-	1.28 32.51	<a href="#">325705</a>
				A	-	4.84 122.94	-	-	-	3.49 88.65	1.28 32.51	<a href="#">325712</a>
				C	3/8 -	3.59 91.19	0.63 16.00	0.62 15.75	1.00 25.40	-	1.28 32.51	<a href="#">326804</a>
				C	1/2 M12	4.34 110.24	0.63 16.00	0.62 15.75	1.75 44.45	-	1.28 32.51	<a href="#">327285</a>
300 MCM 152 mm <sup>2</sup>	275-325 MCM	0.758 19.25	0.16 4.06	C	5/16 M8	3.58 90.93	0.63 16.00	0.62 15.75	.875 22.23	-	1.38 35.05	<a href="#">276917-1</a>
				B	5/16 M8	2.69 68.33	0.63 16.00	0.62 15.75	-	-	1.40 32.56	<a href="#">325802</a>
				B	3/8 -	2.69 68.33	0.63 16.00	0.62 15.75	-	-	1.40 32.56	<a href="#">325803</a>
				B	3/8 -	2.69 68.33	0.63 16.00	0.62 15.75	-	-	1.40 32.56	<a href="#">325803-1**</a>
				B	1/2 M12	2.69 68.33	0.63 16.00	0.62 15.75	-	-	1.40 32.56	<a href="#">325805</a>
				B	1/2 M12	2.69 68.33	0.63 16.00	0.62 15.75	-	-	1.40 32.56	<a href="#">325805-1**</a>
				B	5/8 -	2.82 71.63	0.63 16.00	0.75 19.05	-	-	1.40 32.56	<a href="#">325807</a>
				C	3/8 -	3.70 93.98	0.63 16.00	0.62 15.75	1.00 25.40	-	1.40 32.56	<a href="#">326805</a>
				C	3/8 -	3.70 93.98	0.63 16.00	0.62 15.75	1.00 25.40	-	1.40 32.56	<a href="#">326805-1**</a>
				C	1/2 M12	4.43 112.52	0.63 16.00	0.62 15.75	1.75 44.45	-	1.40 32.56	<a href="#">327286</a>
				G	-	6.01 152.65	-	-	-	3.70 93.98	1.40 32.56	<a href="#">325821</a>
				I	1/2 M12	5.25 133.35	0.62 15.49	0.62 15.75	1.75 44.45	-	1.40 32.56	<a href="#">53684-2</a>



inches / (mm)

\*Cleaned but not plated.

\*\*No sight hole.

<sup>1</sup> Per NEMA specification.

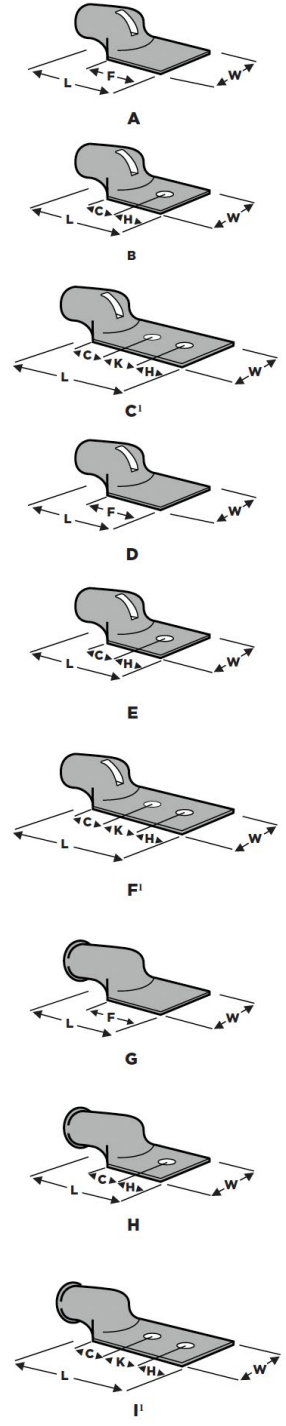
Dimensions displayed in inches / mm unless otherwise specified and are shown for reference purposes only.

Specifications subject to change.

# TERMINALS

Base material: Annealed Copper (ASTM B-188)  
Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Tongue Thickness Max.	Style	Stud Size	Dimensions						Part Number
						L Max.	H Max.	C Min.	K	F Min.	W Max.	
350 MCM 177 mm <sup>2</sup>	325-375 MCM	0.819 20.80	0.17 4.32	B	1/2 M12	4.06 103.12	0.54 13.72	0.71 18.03	1.25 31.75	-	1.51 38.35	<a href="#">325926-1</a>
				B	3/8 -	2.79 70.87	0.63 16.00	0.62 15.75	-	-	1.51 38.35	<a href="#">325903</a>
				B	1/2 M12	2.79 70.87	0.63 16.00	0.62 15.75	-	-	1.51 38.35	<a href="#">325905</a>
				B	1/2 M12	2.79 70.87	0.63 16.00	0.62 15.75	-	-	1.51 38.35	<a href="#">325905-1**</a>
				C	3/8 -	3.79 96.27	0.63 16.00	0.62 15.75	1.00 25.40	-	1.51 38.35	<a href="#">326806</a>
				C	1/2 M12	4.55 115.57	0.63 16.00	0.62 15.75	1.75 44.45	-	1.51 38.35	<a href="#">327287</a>
				I	1/2 M12	5.47 138.94	0.63 16.00	0.62 15.75	1.75 44.45	-	1.51 38.35	<a href="#">53641-2**</a>
400 MCM 203 mm <sup>2</sup>	375-450 MCM	0.876 22.25	0.18 4.57	B	3/8 -	2.89 73.41	0.63 16.00	0.62 15.75	-	-	1.61 40.89	<a href="#">326003</a>
				B	1/2 M12	2.89 73.41	0.63 16.00	0.62 15.75	-	-	1.61 40.89	<a href="#">326005</a>
				B	1/2 M12	2.89 73.41	0.63 16.00	0.62 15.75	-	-	1.61 40.89	<a href="#">326005-2**</a>
				A	-	4.88 123.95	-	-	-	3.24 82.30	1.61 40.89	<a href="#">326016</a>
				C	3/8 -	3.90 99.06	0.63 16.00	0.62 15.75	1.00 25.40	-	1.61 40.89	<a href="#">326807</a>
500 MCM 253 mm <sup>2</sup>	450-550 MCM	0.981 24.92	0.20 5.08	B	3/8 -	3.29 83.57	0.76 19.30	0.75 19.05	-	-	1.80 45.72	<a href="#">326103</a>
				B	1/2 M12	3.29 83.57	0.76 19.30	0.75 19.05	-	-	1.80 45.72	<a href="#">326105</a>
				A	-	3.79 96.27	-	-	-	2.04 51.82	1.80 45.72	<a href="#">2-326111-1</a>
				C	1/2 M12	4.80 121.92	0.61 15.49	0.62 15.75	1.75 44.45	-	1.80 45.72	<a href="#">327289</a>
				C	3/8 -	4.05 102.87	0.63 16.00	0.62 15.75	1.00 25.40	-	1.80 45.72	<a href="#">326808</a>
				G	-	6.08 154.43	-	-	-	3.20 81.28	1.80 45.72	<a href="#">326123**</a>



\*Cleaned but not plated.

\*\*No sight hole.

<sup>1</sup> Per NEMA specification.

Dimensions displayed in **inches** / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

**inches** / (mm)

# TERMINALS

Base material: Annealed Copper (ASTM B-188)  
Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Tongue Thickness Max.	Style	Stud Size	Dimensions						Part Number
						L Max.	H Max.	C Min.	K	F Min.	W Max.	
6002 MCM 304 mm <sup>2</sup>	500-650 MCM	1.075 27.31	0.22 5.59	F	1/2 M12	4.46 113.28	0.54 13.72	0.71 18.03	1.25 31.75	-	1.95 49.53	<a href="#">276916-1**</a>
				D	-	4.02 102.11	-	-	-	2.12 53.85	1.95 49.53	<a href="#">1-326211-1*</a>
				G	-	6.28 159.51	-	-	-	3.25 82.55	1.95 49.53	<a href="#">326222**</a>
				F	3/8 -	4.22 107.19	0.63 16.00	0.62 15.75	1.00 25.40	-	1.95 49.53	<a href="#">326809-1**</a>
				F	1/2 M12	4.97 126.24	0.63 16.00	0.62 15.75	1.75 44.45	-	1.95 49.53	<a href="#">327290</a>
				F	1/2 M12	4.97 126.24	0.63 16.00	0.62 15.75	1.75 44.45	-	1.95 49.53	<a href="#">327290-1**</a>
7002 MCM 355 mm <sup>2</sup>	650-750 MCM	1.162 29.51	0.24 6.10	E	1/2 M12	3.59 91.19	0.76 19.30	0.75 19.05	-	-	2.12 53.85	<a href="#">326305</a>
				I	1/2 M12	6.35 161.29	0.63 16.00	0.62 15.75	1.75 44.45	-	2.12 53.85	<a href="#">53686-2**</a>
8002 MCM 405 mm <sup>2</sup>	750-850 MCM	1.242 31.55	0.25 6.35	E	1/2 -	3.72 94.49	0.76 19.30	0.75 19.05	-	-	2.26 57.40	<a href="#">326405</a>
				F	1/2 M12	5.23 132.84	0.63 16.00	0.62 15.75	1.75 44.45	-	2.26 57.40	<a href="#">327292</a>
10002 MCM 507 mm <sup>2</sup>	950-1125 MCM	1.390 35.31	0.28 7.11	F	1/2 M12	5.63 143.00	0.63 16.00	0.81 20.57	1.75 44.45	-	2.51 63.75	<a href="#">327294</a>

\*Cleaned but not plated.

inches / (mm)

\*\*No sight hole.

<sup>2</sup> Two crimps necessary.

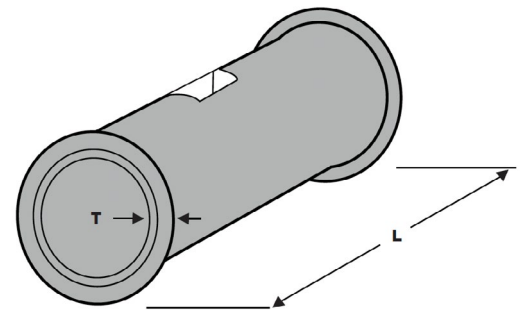
# SPLICES - LONG BARREL BUTT SPLICE

Wire size range: 1/0 AWG to 500 MCM (50 to 253 mm<sup>2</sup>)

Base material: Annealed Copper (ASTM B-188)

Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Dimensions	Part Number
			L Max.	
350 MCM	325-375 MCM	0.829 21.06	2.06 52.32	<a href="#">324464</a>
400 MCM	375-450 MCM	0.886 22.50	2.2 55.88	<a href="#">324465</a>
500 MCM	450-550 MCM	0.991 25.17	2.41 61.21	<a href="#">324466</a>



Dimensions displayed in inches / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

inches / (mm)

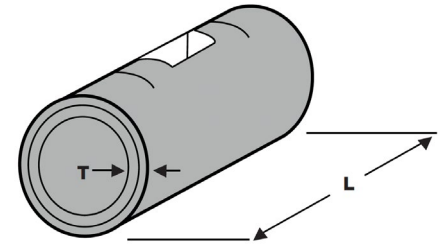
# BUTT SPLICE

Wire size range: 2 AWG to 1000 MCM (34 to 507 mm<sup>2</sup>)

Base material: Annealed Copper (ASTM B-188)

Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Dimensions		Part Number
			T	L Max.	
2 AWG	52,600-83,700 CM	<b>0.372</b> 9.45	<b>0.039</b> 0.99	<b>1.05</b> 26.67	<a href="#">324457</a>
1/0 AWG	83,700-119,500 CM	<b>0.468</b> 11.89	<b>0.042</b> 1.07	<b>1.24</b> 31.50	<a href="#">324458</a>
2/0 AWG	119,500-150,500 CM	<b>0.523</b> 13.28	<b>0.047</b> 1.19	<b>1.38</b> 35.05	<a href="#">324459</a>
3/0 AWG	150,500-190,000 CM	<b>0.586</b> 14.88	<b>0.053</b> 1.35	<b>1.52</b> 38.61	<a href="#">324460</a>
4/0 AWG	190-231 MCM	<b>0.658</b> 16.71	<b>0.059</b> 1.50	<b>1.65</b> 41.91	<a href="#">324461</a>
250 MCM	231-275 MCM	<b>0.700</b> 17.78	<b>0.065</b> 1.65	<b>1.79</b> 45.47	<a href="#">324462</a>
300 MCM	275-325 MCM	<b>0.768</b> 19.51	<b>0.071</b> 1.80	<b>1.93</b> 49.02	<a href="#">324463</a>
350 MCM	325-375 MCM	<b>0.829</b> 21.06	<b>0.077</b> 1.96	<b>2.06</b> 52.32	<a href="#">324464</a>
400 MCM	375-450 MCM	<b>0.886</b> 22.50	<b>0.083</b> 2.11	<b>2.20</b> 55.88	<a href="#">324465</a>
500 MCM	450-550 MCM	<b>0.991</b> 25.17	<b>0.092</b> 2.34	<b>2.41</b> 61.21	<a href="#">324466</a>
500 MCM <sup>1</sup>	450-550 MCM	<b>0.991</b> 25.17	<b>0.092</b> 2.34	<b>2.64</b> 67.06	<a href="#">2-324466-2</a>
600 MCM <sup>1</sup>	550-650 MCM	<b>1.085</b> 27.56	<b>0.101</b> 2.57	<b>2.61</b> 66.29	<a href="#">324467</a>
600 MCM <sup>1</sup>	550-650 MCM	<b>1.085</b> 27.56	<b>0.101</b> 2.57	<b>2.84</b> 72.14	<a href="#">2-324467-3</a>
700 MCM	650-750 MCM	<b>1.172</b> 29.77	<b>0.109</b> 2.77	<b>2.79</b> 70.87	<a href="#">324468</a>
800 MCM <sup>1</sup>	750-850 MCM	<b>1.252</b> 31.80	<b>0.118</b> 3.00	<b>2.96</b> 75.18	<a href="#">324469</a>
800 MCM <sup>1</sup>	750-850 MCM	<b>1.252</b> 31.80	<b>0.118</b> 3.00	<b>3.31</b> 84.07	<a href="#">2-324469-2</a>
1000 MCM <sup>1</sup>	950-1125 MCM	<b>1.400</b> 35.56	<b>0.131</b> 3.33	<b>3.27</b> 83.06	<a href="#">324471</a>



\*Cleaned but not plated.

inches / (mm)

<sup>1</sup> Two crimps necessary on each end.

Dimensions displayed in **inches** / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

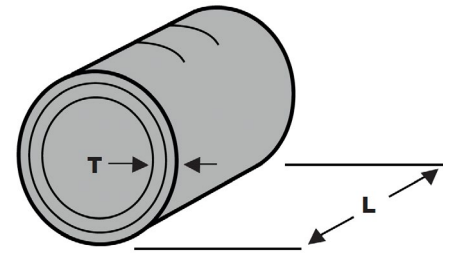
# PARALLEL SPLICE

Wire size range: 2 AWG to 1000 MCM (34 to 507 mm<sup>2</sup>)

Base material: Annealed Copper (ASTM B-188)

Electrodeposited Tin Plate (MIL-T-10727)

Wire Size	Wire Range	Barrel I.D. Min.	Dimensions		Part Number
			T	L Max.	
2 AWG	52,600-83,700 CM	<b>0.372</b> 9.45	<b>0.039</b> 0.99	<b>0.49</b> 12.45	<a href="#">324442</a>
1/0 AWG	83,700-119,500 CM	<b>0.468</b> 11.89	<b>0.042</b> 1.07	<b>0.58</b> 14.73	<a href="#">324443</a>
2/0 AWG	119,500-190,000 CM	<b>0.523</b> 13.28	<b>0.047</b> 1.19	<b>0.64</b> 16.26	<a href="#">324444</a>
3/0 AWG	150,500-190,000 CM	<b>0.586</b> 14.88	<b>0.053</b> 1.35	<b>0.71</b> 18.03	<a href="#">324445</a>
4/0 AWG	190-231 MCM	<b>0.658</b> 16.71	<b>0.059</b> 1.50	<b>0.77</b> 19.56	<a href="#">324446</a>
250 MCM	231-275 MCM	<b>0.700</b> 17.78	<b>0.065</b> 1.65	<b>0.83</b> 21.08	<a href="#">324447</a>
300 MCM	275-325 MCM	<b>0.768</b> 19.51	<b>0.071</b> 1.80	<b>0.89</b> 22.61	<a href="#">324448</a>
350 MCM	325-375 MCM	<b>0.829</b> 21.05	<b>0.077</b> 1.96	<b>0.96</b> 24.38	<a href="#">324449</a>
400 MCM	375-450 MCM	<b>0.886</b> 22.50	<b>0.083</b> 2.11	<b>1.02</b> 25.91	<a href="#">324450</a>
500 MCM	450-550 MCM	<b>0.991</b> 25.17	<b>0.092</b> 2.34	<b>1.11</b> 28.19	<a href="#">324451</a>
600 MCM <sup>1</sup>	550-650 MCM	<b>1.085</b> 27.56	<b>0.101</b> 2.57	<b>1.21</b> 30.73	<a href="#">324452</a>
700 MCM <sup>1</sup>	650-750 MCM	<b>1.172</b> 29.77	<b>0.109</b> 2.77	<b>1.29</b> 32.77	<a href="#">324453</a>
800 MCM <sup>1</sup>	750-850 MCM	<b>1.252</b> 31.80	<b>0.118</b> 3.00	<b>1.36</b> 34.54	<a href="#">324454</a>
1000 MCM <sup>1</sup>	950-1125 MCM	<b>1.400</b> 35.56	<b>0.131</b> 3.33	<b>1.50</b> 38.10	<a href="#">324456</a>



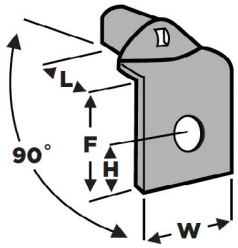
\*Cleaned but not plated.

inches / (mm)

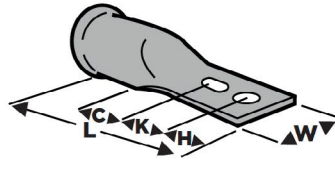
<sup>1</sup> Two crimps necessary on each end.

Dimensions displayed in **inches** / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

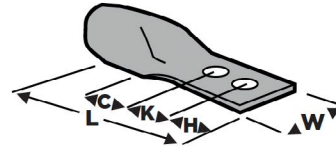
# SPECIAL TERMINALS



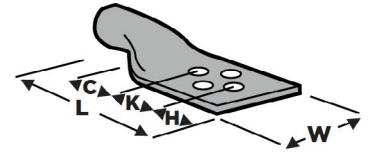
90° Bent



Slotted Stud Hole



Centerline 2-Hole



Heavy Duty 4-Hole

## 90° Bent Terminals

Wire size range: 2 AWG to 350 MCM (34 to 375 mm<sup>2</sup>)

Wire Size	Wire Range	Stud Size	Barrel I.D. Min.	Tongue Thickness Max.	Dimensions				Part Number
					L Max.	W Max.	F Min.	H Max.	
2 AWG 34-35 mm <sup>2</sup>	52,600 83,700 CM	1/4	<b>0.362</b>	<b>0.09</b>	<b>0.76</b>	<b>0.71</b>	<b>0.70</b>	<b>0.30</b>	<a href="#">55813-1</a>
		M6	9.19	2.29	19.30	18.03	17.78	7.62	
		3/8	<b>0.362</b>	<b>0.09</b>	<b>0.76</b>	<b>0.71</b>	<b>0.70</b>	<b>0.30</b>	<a href="#">55817-1</a>
		-	9.19	2.29	19.30	18.03	17.78	7.62	
4/0 AWG	190-231 MCM	3/8	<b>0.658</b>	<b>0.13</b>	<b>1.20</b>	<b>1.19</b>	<b>2.24</b>	<b>0.59</b>	<a href="#">54634-2*</a>
			16.71	3.30	30.46	30.23	56.90	14.99	

\*Two Stud Holes

inches / (mm)

## Slotted Stud Hole

Wire size range: 400 to 500 MCM (203 to 253 mm<sup>2</sup>)

Wire Size	Wire Range	Stud Size	Barrel I.D. Min.	Tongue Thickness Max.	Dimensions					Part Number
					L Max.	H Max.	C Min.	K	W Max.	
400 MCM	375-450 MCM	3/8	<b>0.876</b>	<b>0.18</b>	<b>5.82</b>	<b>0.44</b>	<b>3.29</b>	<b>1.30</b>	<b>1.61</b>	<a href="#">276963-1</a>
		-	22.25	4.57	147.83	11.18	83.57	33.02	40.89	
500 MCM	450-550 MCM	3/8	<b>0.981</b>	<b>0.20</b>	<b>6.01</b>	<b>0.44</b>	<b>3.25</b>	<b>1.30</b>	<b>1.80</b>	<a href="#">276964-1</a>
		-	24.92	5.08	6.35	11.18	82.55	33.02	45.72	

inches / (mm)

## Center 2-Hole Terminals

Wire size range: 4/0 AWG to 600 MCM (100 mm<sup>2</sup> to 304 mm<sup>2</sup>)

Wire Size	Wire Range	Stud Size	Barrel I.D. Min.	Tongue Thickness Max.	Dimensions					Part Number
					L Max.	H Max.	C Min.	K	W Max.	
4/0 AWG	190-231 MCM	5/16	0.648	0.13	4.24	0.45	1.93	.875	1.19	<a href="#">277143-1</a>
		M8	16.46	3.30	107.70	11.43	49.02	22.23	30.23	
500 MCM	450-550 MCM	3/8	0.991	0.26	4.01	0.45	2.00	1.00	1.26	<a href="#">276887-1</a>
		-	25.17	6.60	101.85	11.43	50.80	25.40	32.00	

Dimensions displayed in inches / mm unless otherwise specified and are shown for reference purposes only. Specifications subject to change.

inches / (mm)

# APPLICATION TOOLING



## DYNA-CRIMP SYSTEM 8200 psi Operating Pressure

Hydraulic Head		69099	69082
Wire Size		Part Numbers	
(mm <sup>2</sup> )	(AWG)	Die Set	Die Set
13-15	6	<a href="#">69133-1</a>	-
21	4	<a href="#">69134-2</a>	-
34-35	2	<a href="#">46765-3</a>	-
50-60	1/0	<a href="#">46766-2</a>	-
67-70	2/0	<a href="#">46767-2</a>	-
80-95	3/0	<a href="#">46749-2</a>	-
100-125	4/0	<a href="#">46750-2</a>	-
127	250 MCM	<a href="#">46751-2</a>	-
152	300 MCM	<a href="#">46752-2</a>	-
177	350 MCM	<a href="#">46753-2</a>	<a href="#">69653</a>
203	400 MCM	-	<a href="#">46754-2</a>
253	500 MCM	-	<a href="#">46755-2</a>
304	600 MCM*	-	<a href="#">46756-2</a>
	600 MCM HD*	-	<a href="#">59870-1</a>
355	700 MCM*	-	<a href="#">46757-2</a>
405	800 MCM*	-	<a href="#">46758-2</a>
456	900 MCM*	-	<a href="#">46759-2</a>
507	1000 MCM*	-	<a href="#">46760-2</a>

\* Terminals and splices of wire size 600 MCM and above require two crimps for optimum mechanical and electrical performance.

# APPLICATION TOOLING

## HYDRAULIC CRIMP TOOLING 10000 PSI OPERATING PRESSURE

Wire Size		Hand Tools (U-Die)		Hydraulic Heads (U-Die)		Hydraulic Heads (Shank Die)	
		<a href="#">1490748-1</a>	<a href="#">1490749-1</a>	<a href="#">1490745-1</a> <a href="#">1490747-1</a>	<a href="#">1490746-1</a>		
(mm <sup>2</sup> )	(AWG)	Die Set Part Numbers					
13-15	6	<a href="#">1583092-1</a>				<a href="#">69133-1</a>	-
21	4	<a href="#">1583093-1</a>				<a href="#">69134-2</a>	-
34-35	2	<a href="#">1583094-1</a>				<a href="#">46765-3</a>	-
50-60	1/0	<a href="#">1583095-1</a>				<a href="#">46766-2</a>	-
67-70	2/0	<a href="#">1583096-1</a>				<a href="#">46767-2</a>	-
80-95	3/0	<a href="#">1583097-1</a>				<a href="#">46749-2</a>	-
100-125	4/0	-	<a href="#">1583098-1</a>	-	<a href="#">1583098-1</a>	<a href="#">46750-2</a>	-
127	250 MCM	-	-	-	-	<a href="#">46751-2</a>	-
152	300 MCM	-	-	-	-	<a href="#">46752-2</a>	-
177	350 MCM	-	-	-	-	<a href="#">46753-2</a>	<a href="#">69653</a>
203	400 MCM	-	-	-	-	-	<a href="#">46754-2</a>
253	500 MCM	-	-	-	-	-	<a href="#">46755-2</a>
304	600 MCM*	-	-	-	-	-	<a href="#">46756-2</a>
	600 MCM HD*	-	-	-	-	-	<a href="#">59870-1</a>
355	700 MCM*	-	-	-	-	-	<a href="#">46757-2</a>
405	800 MCM*	-	-	-	-	-	<a href="#">46758-2</a>
456	900 MCM*	-	-	-	-	-	<a href="#">46759-2</a>
507	1000 MCM*	-	-	-	-	-	<a href="#">46760-2</a>

\* Terminals and splices of wire size 600 MCM and above require two crimps for optimum mechanical and electrical performance.

## Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need. Visit [te.com/support](https://te.com/support) to chat with a Product Information Specialist.

## [te.com/ampower-terminals-and-splices](https://te.com/ampower-terminals-and-splices)

TE, TE Connectivity, TE connectivity (logo), and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. Other product names, logos, and company names mentioned herein may be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

©2026 TE Connectivity. All Rights Reserved.

03-26 ES