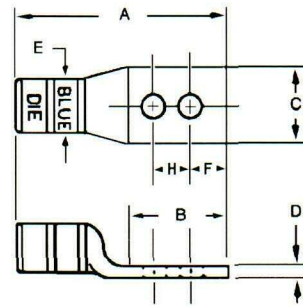


# Color-Keyed®

## Connectors for Copper Conductor

### Two Hole Lugs - Long Barrel 600V to 35KV (continued)

Material: High Conductivity Wrought Copper  
Finish: Electro Tin Plate



T&B Catalog Number	Wire Size*		Bolt Size G (in.)	Dimensions (in.)							Die Code	Color Key
	Code	Flex		A	B	C	D	E	F	H		
256-31426-3SPH <sup>4,5</sup>			#10	2	1 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>64</sub>	7 <sup>1</sup> / <sub>32</sub>	5 <sup>1</sup> / <sub>8</sub> - 3 <sup>1</sup> / <sub>4</sub>	N/A	N/A
256-30695-1298 <sup>6</sup>	#14-10 <sup>2</sup>		1/4	1 <sup>13</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>32</sub>	1/2	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>64</sub>	1/4	5 <sup>1</sup> / <sub>8</sub>	N/A	N/A
256-30695-1730 <sup>4</sup>			1/4	2	1 <sup>9</sup> / <sub>16</sub>	1/2	1/8	3/8	1/4	5/8 or 3/4	29	Grey
54850BE		#8	1/4	2 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>32</sub>	1/16	1 <sup>7</sup> / <sub>64</sub>	1/4	5/8	21	Red
54851BE	#8	37/24	1/4	2 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>32</sub>	1/16	1 <sup>7</sup> / <sub>64</sub>	1/4	3/4	21	Red
256-30695-1157			3/8	3	2	3 <sup>3</sup> / <sub>64</sub>	1/16	1 <sup>7</sup> / <sub>64</sub>	3/8	1	21	Red
54852BE			1/4	2 <sup>9</sup> / <sub>32</sub>	1 <sup>9</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>64</sub>	5/64	1 <sup>9</sup> / <sub>64</sub>	1/4	5/8	24	Blue
256-30695-1014			1/4	2 <sup>13</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>64</sub>	5/64	1 <sup>9</sup> / <sub>64</sub>	1/4	1	24	Blue
256-30695-1225	#6		1/4	2 <sup>9</sup> / <sub>32</sub>	1 <sup>9</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	5/64	1 <sup>9</sup> / <sub>64</sub>	1/4	3/4	24	Blue
256-30695-1158		61/24	3/8	3	2	3 <sup>3</sup> / <sub>64</sub>	5/64	1 <sup>9</sup> / <sub>64</sub>	3/8	1	24	Blue
256-30695-868 <sup>3</sup>			1/2	4 <sup>3</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>8</sub>	3/4	5/64	1 <sup>9</sup> / <sub>64</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	24	Blue
54854BE			1/4	2 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>	9/16	3/32	2 <sup>3</sup> / <sub>64</sub>	1/4	5/8	29	Gray
256-30695-1246			1/4	2 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9/16	3/32	2 <sup>3</sup> / <sub>64</sub>	1/4	3/4	29	Gray
256-30695-1015		#4	1/4	2 <sup>7</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>64</sub>	3/32	2 <sup>3</sup> / <sub>64</sub>	3/8	3/4	29	Gray
256-30695-1337 <sup>6</sup>	#4	91/24	5/16	2 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	9/16	3/32	2 <sup>3</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>32</sub>	1	29	Gray
256-30695-1159			3/8	3 <sup>1</sup> / <sub>8</sub>	2	3 <sup>3</sup> / <sub>64</sub>	3/32	2 <sup>3</sup> / <sub>64</sub>	3/8	1	29	Gray
256-30695-733			1/2	4 <sup>1</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	3/4	3/32	2 <sup>3</sup> / <sub>64</sub>	5/8	2	29	Gray
256-30695-1016			1/4	3 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>64</sub>	3/32	1 <sup>9</sup> / <sub>32</sub>	3/8	1	33	Brown
54855BE			1/4	2 <sup>1</sup> / <sub>32</sub>	1 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	3/8	5/8	33	Brown
256-30695-1300			1/4	2 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	1/4	3/4	33	Brown
54856BE		#3	5/16	2 <sup>23</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	3/8	3/4	33	Brown
54810BE	#3-2	125/24	3/8	3 <sup>5</sup> / <sub>16</sub>	2 <sup>39</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	3/8	1 <sup>3</sup> / <sub>4</sub>	33	Brown
256-30695-1160			3/8	3 <sup>1</sup> / <sub>8</sub>	2	3 <sup>3</sup> / <sub>64</sub>	3/32	1 <sup>9</sup> / <sub>32</sub>	3/8	1	33	Brown
256-30695-869			1/2	4 <sup>1</sup> / <sub>64</sub>	2 <sup>7</sup> / <sub>8</sub>	3/4	3/32	1 <sup>9</sup> / <sub>32</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	33	Brown
54811BE			1/2	4 <sup>11</sup> / <sub>64</sub>	2 <sup>5</sup> / <sub>16</sub>	7/8	3/32	1 <sup>9</sup> / <sub>32</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	33	Brown
54809BE			1/4	2 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>64</sub>	4 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	3/8	5/8	37	Green
54812BE		#2	1/4	3	1 <sup>15</sup> / <sub>64</sub>	4 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>5</sup> / <sub>32</sub>	1/4	3/4	37	Green
54858BE	#1	150/24	5/16	2 <sup>31</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>9</sup> / <sub>32</sub>	3/8	7/8	37	Green
256-30695-1161		175/24	3/8	3 <sup>1</sup> / <sub>4</sub>	2	4 <sup>3</sup> / <sub>64</sub>	7/64	1 <sup>5</sup> / <sub>32</sub>	3/8	1	37	Green
54857BE			1/2	4 <sup>9</sup> / <sub>32</sub>	2 <sup>63</sup> / <sub>64</sub>	3/4	3/32	1 <sup>9</sup> / <sub>32</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	37	Green
256-30695-1018			1/4	3 <sup>5</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	42	Pink
256-30695-1018P <sup>3</sup>			1/4	3 <sup>5</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	42	Pink
54859BE			1/4	2 <sup>1</sup> / <sub>32</sub>	1 <sup>15</sup> / <sub>64</sub>	3/4	1/8	3 <sup>3</sup> / <sub>64</sub>	1/4	5/8	42	Pink
54813BE		#1	1/4	2 <sup>21</sup> / <sub>64</sub>	1 <sup>23</sup> / <sub>64</sub>	3/4	1/8	3 <sup>3</sup> / <sub>64</sub>	1/4	3/4	42	Pink
54860BE	1/0	225/24	5/16	2 <sup>31</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>8</sub>	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	7/8	42	Pink
256-30695-1162P <sup>3</sup>			3/8	3 <sup>1</sup> / <sub>4</sub>	2	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	42	Pink
256-30695-1162			3/8	3 <sup>1</sup> / <sub>4</sub>	2	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	42	Pink
256-30695-593			1/2	4 <sup>9</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>8</sub>	3/4	1/8	1 <sup>7</sup> / <sub>32</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	42	Pink

#### NOTES:

UL and CSA listing of T&B connectors is a continual process - please call customer service for the latest listings.

Undrilled tongues are available on many tongue sizes - please call customer service for availability.

\* Call customer service for sizes not listed.

2. #14 - #10 AWG lugs must be crimped with the "C" nest when using the ERG2002 hand tools.

3. Brazed tongue construction.

4. Bolt hole slotted to provide range of bolt hole spacing (H).

5. Inspection hole.

6. Cast copper construction.

Peep Holes Available.

Add P or Ph Suffix.

Consult Factory

**Thomas & Betts**



# Color-Keyed®

## Color-Keyed® Connectors

### Order From

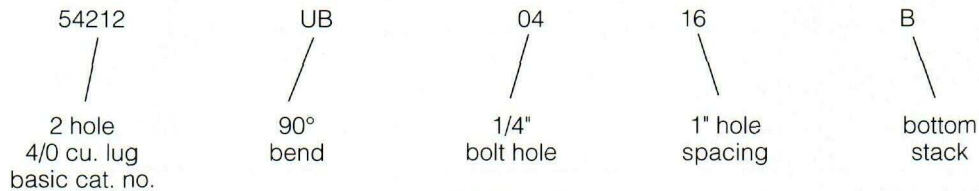
Catalog No. \_\_\_\_\_ Qty. \_\_\_\_\_  
 (For 54100, 54200, 54800 & 54900 Series Copper Lugs Only)

### Design Controls and Requirements

All "MADE-UP" catalog numbers start with a standard or basic catalog number and are followed by the customer required extra features: tongue shape, bolt hole size, distance between bolt holes, stacking, plating and inspection hole (peep hole). A code letter or a number has been assigned to each extra feature. See CODE TABLE.

- NOTES: 1) Lack of any of the extra features on the "MADE-UP" catalog number means that the standard Cat. No. features are prevalent.  
 2) If either bolt hole size or distance between bolt holes needs to be changed from standard Cat. No., both code numbers will appear on the "MADE-UP" Cat. No. (See example below)

Cat. No. 54212UB0416BSP



### CODE TABLE

Tongue Shape		Bolt Holes		Bolt Hole Centers		Stacking		Finish (Plating)		Inspection Hole (Long Barrel)		Inspection Hole (Short Barrel)		
Type	Code	Size .020	Code	Distance .015	Code	Type	Code	Type 1	Code	I.D.	Code	I.D.	Code	
45°	UF	#8	.173	02	1/2"	08	Top	T**	Silver Plate	SP	Peep Hole	PH	Blind End	BE
90°	UB	#10	.204	03	5/8"	10	Bottom	B	Lead Plate	LP				
Blank (No Bolt Hole)	BT	1/4"	.281	04	3/4"	12			Nickel Plate	NP				
		5/16"	.344	05	7/8"	14			Plain Finish	PF				
		3/8"	.406	06	1"	16			Not QTP if					
		1/2"	.531	08	1 1/8"	18			suffix other					
		5/8"	.656	10	1 1/4"	20			than - PF or					
		3/4"	.812	12	1 3/8"	22			standard					
		7/8"	.937	14	1 1/2"	24			tin plate					
1"	1.062	16	1 5/8"	26										
					1 3/4"	28								
					*1 7/8"	30								
					*2"	32								

\* These bolt centers not available for bolt holes larger than 1 3/8"

\*\* Not required for 45° & 90° Top Stacking.

Cable	Code <input type="checkbox"/>	
	Weld <input type="checkbox"/>	
<input type="checkbox"/> #8	<input type="checkbox"/> #6	<input type="checkbox"/> #4
<input type="checkbox"/> #2	<input type="checkbox"/> #1	<input type="checkbox"/> 1/0
<input type="checkbox"/> 2/0	<input type="checkbox"/> 3/0	<input type="checkbox"/> 4/0
<input type="checkbox"/> 250 MCM & up (Code Only)		

