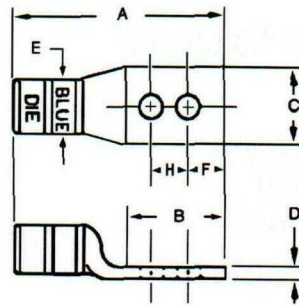


# Color-Keyed®

## 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			
54814BE			1/4	2 <sup>3</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>64</sub>	5 <sup>9</sup> / <sub>64</sub>	1/8	3 <sup>7</sup> / <sub>64</sub>	1/4	3/8	45	Black	
256-30695-1299			1/4	3 <sup>11</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>	1/8	1 <sup>7</sup> / <sub>32</sub>	1/4	3/4	45	Black	
256-30695-1116	2/0	1/0	3/8	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	45	Black	
256-30695-1116P*		275/24	3/8	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>	1/8	1 <sup>7</sup> / <sub>32</sub>	3/8	1	45	Black	
54862BE			1/2	4 <sup>2</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>16</sub>	5 <sup>9</sup> / <sub>64</sub>	1/8	3 <sup>7</sup> / <sub>64</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	45	Black	
54815BE			1/4	2 <sup>5</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>3</sub>	1 <sup>9</sup> / <sub>16</sub>	1/8	5/8	1/4	3/4	50	Orange	
54816BE	3/0	2/0	3/8	3 <sup>9</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>5</sub>	1 <sup>9</sup> / <sub>16</sub>	1/8	5/8	1/4	1	50	Orange	
54864BE		325/24	1/2	4 <sup>2</sup> / <sub>64</sub>	3	1 <sup>9</sup> / <sub>16</sub>	1/8	4 <sup>1</sup> / <sub>64</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	50	Orange	
54817BE			1/4	3 <sup>5</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>3</sub>	1 <sup>1</sup> / <sub>32</sub>	9/64	4 <sup>5</sup> / <sub>64</sub>	1/4	3/4	54	Purple	
54818BE			3/8	4 <sup>1</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>32</sub>	9/64	4 <sup>5</sup> / <sub>64</sub>	3/8	3/4	54	Purple	
256-30695-1117	4/0	3/0	3/8	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>5</sub>	1 <sup>3</sup> / <sub>32</sub>	9/64	4 <sup>5</sup> / <sub>64</sub>	3/8	1	54	Purple	
256-30695-1117P*		450/24	3/8	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>5</sub>	1 <sup>3</sup> / <sub>32</sub>	9/64	4 <sup>5</sup> / <sub>64</sub>	3/8	1	54	Purple	
54866BE			1/2	4 <sup>4</sup> / <sub>64</sub>	3	1 <sup>1</sup> / <sub>32</sub>	9/64	4 <sup>5</sup> / <sub>64</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	54	Purple	
256-30695-1245	250	4/0	3/8	3 <sup>2</sup> / <sub>32</sub>	2	1 <sup>1</sup> / <sub>8</sub>	9/64	4 <sup>9</sup> / <sub>64</sub>	3/8	1	62	Yellow	
256-30695-1245P	KCMIL	550/24	3/8	3 <sup>2</sup> / <sub>32</sub>	2	1 <sup>1</sup> / <sub>8</sub>	9/64	4 <sup>9</sup> / <sub>64</sub>	3/8	1	62	Yellow	
54868BE			1/2	4 <sup>9</sup> / <sub>64</sub>	2 <sup>5</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>32</sub>	9/64	4 <sup>9</sup> / <sub>64</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	62	Yellow	
54819BE	300		3/8	5	2 <sup>2</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>4</sub>	5/32	2 <sup>7</sup> / <sub>32</sub>	3/8	1	66	White	
54870BE	KCMIL		1/2	5 <sup>1</sup> / <sub>64</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>4</sub>	5/32	2 <sup>7</sup> / <sub>32</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	66	White	
54820BE			1/4	4 <sup>1</sup> / <sub>8</sub>	1 <sup>2</sup> / <sub>32</sub>	1 <sup>2</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>64</sub>	5 <sup>9</sup> / <sub>64</sub>	1/4	3/4	71	Red	
256-30695-1118	350	262	3/8	4 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>2</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>64</sub>	1 <sup>5</sup> / <sub>16</sub>	3/8	1	71	Red	
256-30695-1118P*	KCMIL	650/24	3/8	4 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>2</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>64</sub>	1 <sup>5</sup> / <sub>16</sub>	3/8	1	71	Red	
54872BE			1/2	5 <sup>1</sup> / <sub>32</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>2</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>64</sub>	5 <sup>9</sup> / <sub>64</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	71	Red	
54822BE	400	313	1/4	4 <sup>3</sup> / <sub>8</sub>	1 <sup>2</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>64</sub>	6 <sup>1</sup> / <sub>64</sub>	1/4	3/4	76	Blue	
54821BE	KCMIL	775/24	3/8	5 <sup>1</sup> / <sub>4</sub>	2 <sup>2</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>64</sub>	6 <sup>1</sup> / <sub>64</sub>	3/8	1	76	Blue	
54874BE			1/2	5 <sup>2</sup> / <sub>64</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>64</sub>	6 <sup>1</sup> / <sub>64</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	76	Blue	
54823BE			1/4	4 <sup>7</sup> / <sub>8</sub>	1 <sup>2</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>64</sub>	7/32	1 <sup>3</sup> / <sub>32</sub>	1/4	3/4	87	Brown	
256-30695-1119	500	350-373	3/8	4 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	7/32	1 <sup>7</sup> / <sub>64</sub>	3/8	1	87	Brown	
256-30695-1119P*	KCMIL	925/24	3/8	4 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	7/32	1 <sup>7</sup> / <sub>64</sub>	3/8	1	87	Brown	
54876BE			1/2	5 <sup>6</sup> / <sub>64</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>64</sub>	7/32	1 <sup>3</sup> / <sub>32</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	87	Brown	
54824BE	600	444	3/8	5 <sup>3</sup> / <sub>64</sub>	2 <sup>2</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>4</sub>	1/4	1 <sup>1</sup> / <sub>64</sub>	3/8	1	94	Green	
54878BE	KCMIL	1100/24	1/2	5 <sup>3</sup> / <sub>4</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>4</sub>	1/4	1 <sup>1</sup> / <sub>64</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	94	Green	
256-30695-1222	750	535	3/8	6 <sup>1</sup> / <sub>4</sub>	3	1 <sup>1</sup> / <sub>16</sub>	1/4	1 <sup>1</sup> / <sub>3</sub>	1/2	1	106	Black	
256-30695-1222P*	KCMIL	1325/24	3/8	6 <sup>1</sup> / <sub>4</sub>	3	1 <sup>1</sup> / <sub>16</sub>	1/4	1 <sup>1</sup> / <sub>3</sub>	1/2	1	106	Black	
54880BE			1/2	6 <sup>3</sup> / <sub>32</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	1/4	1 <sup>1</sup> / <sub>3</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	106	Black	
58884BE	646	1600/24	1/2	6 <sup>1</sup> / <sub>32</sub>	2 <sup>9</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>32</sub>	1 <sup>9</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>32</sub>	5/8	1 <sup>3</sup> / <sub>4</sub>	106	Black	
58826BE	900	750/777	1/2	6 <sup>1</sup> / <sub>32</sub>	2 <sup>9</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>64</sub>	5/16	1 <sup>1</sup> / <sub>2</sub>	1/2	1 <sup>3</sup> / <sub>4</sub>	115	Yellow	

#### 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.

Peep Holes Available.

Add P or Ph Suffix.

Consult Factory

**Thomas & Betts**

# Color-Keyed®

## Color-Keyed® Connectors

### Order From

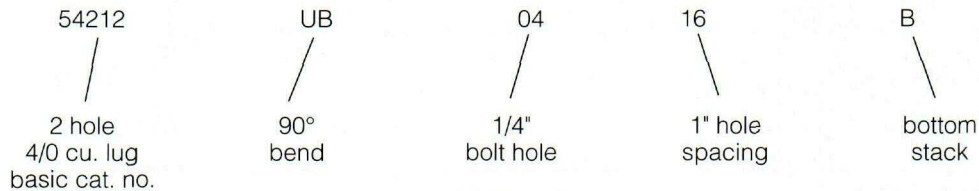
Catalog No. \_\_\_\_\_ Qty. \_\_\_\_\_  
 (For 54100, 54200, 54800 & 54900 Series Copper Lugs Only)

### 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  Weld

#8     #6     #4  
 #2     #1     1/0  
 2/0     3/0     4/0  
 250 MCM & up (Code Only)

Barrel Length

Short  
 Long

Inspection Hole

Yes     No

Inspection Hole

