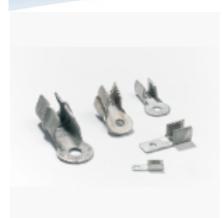
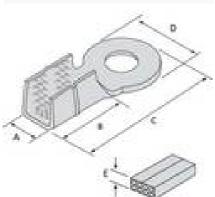
## Thomas@Betts





## Ring Terminals T&B Catalog Number:

220017

**UPC Number:** 78621085553

**Status:** Active

**Description:** 

Connector Insulation Piercing Ring Terminals 3/8 Stud, .88x1.50x2.76 50.000 - 115.000 CMA

50,000 - 115,000 CMA	
Features	
	Designed to penetrate magnet wire insulation during application, eliminating the need for stripping, brazing, welding or other methods of joining magne wire.
Application	
	For aluminum to copper, aluminum to aluminum or copper to copper magnet wire connections.
General	
Material	Copper
Finish	Tin Plated
Stud Size	3/8
Dimension Information	
E* (inches)	(4)
E* (inches) A (inches)	(d) .88
B (inches)	1.50
C (inches)	2.76
D (inches)	1.06
Specifications	1.00
opcomodions -	
Circular Mil Area	50,000 - 115,000
Rectangular Wire Range Thickness (inch	
es)	
Rectangular Wire Range Width (inches)	.300625
Round Wire Range AWG	0.100 - 0.175
Tooling	
Hydraulic Tooling	13100A, TBM15i
Die Used	13713B
Connector & Tooling Chart	Available on Website
Packaging	
T&B Order Multiple	25
T&B Inner Pack	25
Package in Units	250
T&B Sold in UOM	Each
T&B Weight Per UOM	11.13 lbs. per 100
Application Support	
Product Selector	DT_prod_selector_ringterm
T&B Instruction Sheets	ta02063-tb2
Overview	Available on Website
Notes	,
*Note	Reference dimension (crimped height). See installing die illustration for gauging.
**Note	3 3 3



Not recommended for aluminum magnet wire finer than 21 gauge or 0.4 mm². (a) Four wires max. (b) Six wires max. (c) Six wires max. each barrel (d) Conductors heavier than 6 AWG or 13 mm² require special dies. Contact Thomas & Betts for assistance. (e) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9800 psi minimum.

Wire sizes and combinations shown have been tested to and meet or exceed Thomas & Betts specifications. Connectors may be suitable for other wire sizes or combinations. Thomas & Betts sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

## Certifications

**RoHS Compliance** 

Yes

## For further technical assistance, please contact us...

T&B Technical Support MS 3B-50 8155 T&B Blvd. Memphis, TN 38125 Hours: 7AM - 6PM CDT Monday-Friday Phone: (888) 862-3289 Fax: (901) 252-1321

Email:techsupport@tnb.com

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