

Splices

T&B Catalog Number:

220019

UPC Number:

78621085555

Status:

Active

Description:

Insulation Piercing Magnet Wire Splice, Length 1.50 Inches, Width .88 Inches, Height .85 Inches, Wire Range #6 AWG - #2 AWG 110,000 Circular Mil Area - 175,000 Circular Mil Area, Copper Alloy, Tin Plated

Features

Designed to penetrate magnet wire insulation during application, eliminating the need for stripping, brazing, welding or other methods of joining magnet wire.

Application

For aluminum to copper, aluminum to aluminum or copper to copper magnet wire connections.

General

Material	Copper
Finish	Tin Plated

Dimension Information

E* (inches)	(e)
A (inches)	1.50
D (inches)	.88

Specifications

Circular Mil Area	110,000 - 175,000
Rectangular Wire Range Thickness (inches)	.175 - .325
Rectangular Wire Range Width (inches)	.300 - .625
Round Wire Range AWG	-

Tooling

Hydraulic Tooling	13100A, TBM151
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	8.5 lbs. per 100

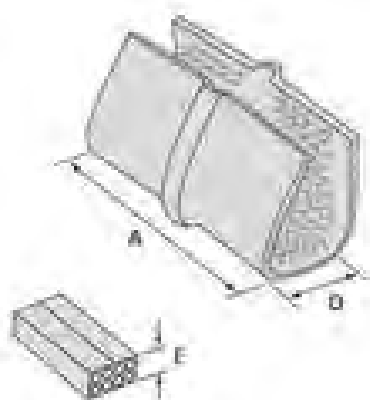
Application Support

Product Selector	DT_prod_selector_splices
T&B Instruction Sheets	ta02063-tb2
Overview	Available on Website

Notes

*Note Reference dimension (crimped height). See installing die illustration for gauging.

**Note 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
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For further technical assistance, please contact us...

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