



Splices

T&B Catalog Number:

204210S

UPC Number:

78621086775

Status:

Active

Description:

Insulation Piercing Magnet Wire Splice, Length .69 Inches, Width .53 Inches, Height .53 Inches, Wire Range #12 AWG - #4 AWG 10,380 Circular Mil Area - 52,480 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) .25
 A (inches) .69
 D (inches) .53

Specifications

Circular Mil Area 10,380 - 52,480
 Rectangular Wire Range Thickness (inches) .10 - .16
 Rectangular Wire Range Width (inches) .10 - .26
 Round Wire Range AWG 12(b) - 2(e)

Tooling

Hydraulic Tooling 13100A, 13400, 13642M, TBM15I
 Connector & Tooling Chart Available on Website

Packaging

T&B Order Multiple 100
 T&B Inner Pack 100
 Package in Units 500
 T&B Sold in UOM Each
 T&B Weight Per UOM 1.97 lbs. per 100

Application Support

Product Selector DT_prod_selector_splices
 T&B Instruction Sheets ta00193-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 re-

quire 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...

Thomas & Betts - USA
8155 T&B Blvd.
Memphis, TN 38125
www.tnb.com

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