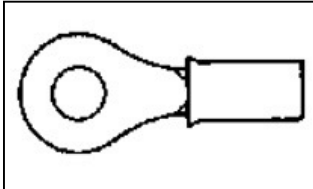




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51864-7 Product Details

**51864-7**

TE Part Number: 51864-7



Active

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Ring and Spade Tongue Terminals

Always EU RoHS/ELV Compliant ([Statement of Compliance](#))**Product Highlights:**

- Terminal Shape = Ring Tongue
- Receptacle Style = Straight
- Body Style = PIDG (Insulation Restriction)
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

[View all Features](#) | [Find Similar Products](#)[Previous](#) [1](#) ... [6](#) [7](#) [8](#) [9] [10](#) ... [20](#) [Next](#)**Quick Links**

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Documentation & Additional Information

Product Drawings:

- [TERMINAL, RING TONGUE, PIDG, WIRE SIZE, 16-14 AWG](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AEROSPACE & DEFENSE](#) (PDF, English)
- [STANDARD TERMINALS AND SPLICES](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [Pre-Insulated Diamond Grip \(PIDG\) Terminals, Splices...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version AB)
- [3D Model](#) (IGES, Version AB)
- [3D Model](#) (STEP, Version AB)

[List all Documents](#)**Additional Information:**

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Terminal Shape](#) = Ring Tongue
- [Receptacle Style](#) = Straight
- [Body Style](#) = PIDG (Insulation Restriction)
- [Barrel Type](#) = Closed Barrel
- [Wire/Cable Type](#) = Regular Wire
- [Insulation](#) = Yes
- [Insulation Support](#) = Insulation Restriction
- [Insulation Diameter \(mm \[in\]\)](#) = 1.60-3.30 [.063-.130]
- [Stud Size](#) = 10
- [Stud Diameter \(mm \[in\]\)](#) = 5.00 [0.197]
- [Shape](#) = RING-042
- [Heavy Duty](#) = No

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 1.25-1.40² [16]
- [Wire Range \(CMA\)](#) = 2,800
- [Length \(mm \[in\]\)](#) = 23.00 [0.906]
- [Insulation Sleeve Material](#) = Copper

Contact Related Features:

- [Class](#) = 1 & 2

Industry Standards:

- [Government/Industry Qualification](#) = No
- [Government/Industry Part Number](#) = M7928/1-42
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

- [Material](#) = Copper
- [Finish](#) = Tin
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- Color = Blue/Blue
- Insulation Material = Nylon

Electrical Characteristics:

- Voltage (VAC) = 300

- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Related Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP

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