



TE Connectivity: Every Connection Counts
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+ TERMINALS & SPLICES

CRIMP RINGS & SPADES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D MODEL**

TE CONNECTIVITY

RING TONGUE TERMINAL;M4 STUD

[Open Barrel Rings & Spades](#) | [Open Barrel Rings & Spades](#)

2178505-3

TE Internal Number: 2178505-3

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **4.5 mm [.177 in]**

Tongue Thickness **.5 mm [.0197 in]**

Sealed **No**

Heavy Duty **No**

Product Drawings

[RING TONGUE TERMINAL STUD DIA. 4.5; M4](#)

PDF
English

CAD Files

[3D Model](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Sealed

No

Barrel Type

Open Barrel

	Wire/Cable Type	Regular Wire
	Insulated	No
	Insulated Wire Support	Yes
	Support Style	Insulation Support
	Stud Size	8, M4
	Shape Code	RING-001
	Barrel Style	Standard
Configuration Features	Terminal Angle	Straight
	Number of Holes	1
Body Features	Plating Material	Brass, Pre-Tin
	Plating Thickness	3 μm [118.12 μin]
	Inspection Slot	No
	Weight per Piece	.4 g [.014108 oz]
Contact Features	Terminal Shape	Ring Tongue
	Terminal Orientation	Straight
Dimensions	Stud Diameter	4.5 mm [.177 in]
	Tongue Thickness	.5 mm [.0197 in]
	Wire Insulation Diameter (Max)	4.32 mm [.17 in]
	Wire Insulation Diameter	2.67 – 4.32 mm [.105 – .17 in]
	Wire Size (AWG) (AWG)	18 – 14
	Wire Size (mm ²) (mm ²)	.8 – 2
	Wire Size (CMA) (CMA)	1600 – 4234
	Barrel Inside Diameter	4.064 mm [.16 in]
	Material Thickness	.5 mm [.0197 in]
	Overall Length	16.75 mm [.659 in]
Operation/Application	Heavy Duty	No
Industry Standards	Government Qualified	No

Packaging Features

Packaging Method

Reel

Packaging Quantity

8000

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

No compatible products found for 2178505-3