+ TERMINALS & SPLICES

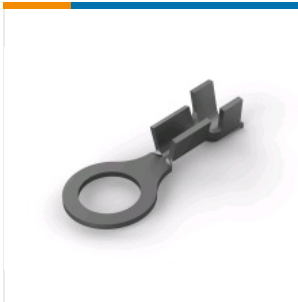# CRIMP RINGS & SPADES

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

RING IS 22-18 8 020TPBR

Open Barrel Rings & Spades | Open Barrel Rings & Spades

42037-1
TE Internal Number: 42037-1

Always EU RoHS/ELV Compliant

Terminal Shape   **Ring Tongue**

Stud Diameter   **4.17 mm [.164 in]**

Tongue Thickness   **.508 mm [.02 in]**

Sealed   **No**

Heavy Duty   **No**

Product Drawings

RING
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Specifications

Product Specification

Crimping Extruded Ring Terminals
PDF
English

Crimping AMPLIVAR Ring Terminals
PDF
English

Application Specification

Ring And Spade Terminals
PDF
English

Engineering Report

Evaluation Testing Of Tin Plated Ring Terminals
PDF
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**

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, Tin**
	Plating Thickness (µm)	**1.02**
	Plating Thickness (µin)	**40, 40.16**
	Inspection Slot	**No**
	Weight per Piece (g)	**.444**

Contact Features	Terminal Shape	**Ring Tongue**
	Terminal Orientation	**Straight**

Dimensions	Stud Diameter	**4.17 mm [.164 in]**
	Tongue Thickness	**.508 mm [.02 in]**
	Wire Insulation Diameter	**2.03 – 2.79 mm [.08 – .11 in]**
	Wire Size (AWG)	**22 – 18**
	Wire Size (mm²)	**.3 – .9**
	Material Thickness	**.51 mm [.02 in]**

Operation/Application	Heavy Duty	**No**

Industry Standards	Government Qualified	**No**

Packaging Features	Packaging Method	**Strip**
	Packaging Quantity	**20000**

Product Compliance	Statement of Compliance PDF	

CUSTOMERS ALSO BOUGHT

OCEAN APPLICATORS	TERMINATORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	CRIMP RINGS & SPADES
CRIMPER, WIRE .090 F	GUARD	04 MODII HDR SRST UNSHRD .100	TERMINAL, BUDG R 16-14 8
4-456406-7	455745-1	87220-4	322235
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 3 Results

View All   Compare 0/10

Relation Type ▼

RELATIONSHIP
Toolings
Tooling

See All Toolings

PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators AMP

OC-AT-E-FM-090F140F-001-0256 - 2150074-1
TE INTERNAL NUMBER: 2150074-1

✔ Active

Not in Scope for EU RoHS/ELV Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Atlantic**

Applicator Feed Style **End Feed**

RELATIONSHIP
Toolings
Tooling

See All Toolings

PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators AMP

OC-AT-E-FA-090F140F-001-0256 - 2150074-2
TE INTERNAL NUMBER: 2150074-2

✔ Active

Not in Scope for EU RoHS/ELV Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Atlantic**

Applicator Feed Style **End Feed**

RELATIONSHIP

Toolings
Tooling

PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators AMP

OC-090F140F-CRIMPTOOLINGKIT - 7-2150074-7
TE INTERNAL NUMBER: 7-2150074-7

✔ Active

Not in Scope for EU RoHS/ELV Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare Parts Kit**