TE Connectivity: Every Connection Counts
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CRIMP RINGS & SPADES

✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

PIDG 12-10 R 10; TAPE

PIDG

2-35109-1

TE Internal Number: 2-35109-1
Mil-Spec: MS25036-112
Alias ID: 1139542, 1140297

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **5 mm [.197 in]**

Tongue Thickness **.99 mm [.039 in]**

Sealed **No**

Heavy Duty **No**

Product Drawings

TERMINAL, RING TONGUE, PIDG WIRE SIZE: 12-10 AWG
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

MD_2-35109-1_120320132359_dmtec
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**
Barrel Type	**Closed Barrel**
Wire/Cable Type	**Regular Wire**
Insulated	**Yes**
Insulated Wire Support	**Yes**

	Support Style	**Insulation Support**
	Stud Size	**10**
	Shape Code	**RING-041**
	Barrel Style	**Standard**
	Wire/Cable Composition	**Solid or Stranded**
Configuration Features	Terminal Angle	**Straight**
	Number of Holes	**1**
Electrical Characteristics	Voltage (Max) (V)	**300**
Body Features	Plating Material	**Copper, Tin**
	Plating Thickness	**2.54 µm [100 µin]**
	Insulation Material	**Nylon**
	Inspection Slot	**No**
	Weight per Piece (g)	**2.789**
	Insulation Type	**Pre-Insulated**
Contact Features	Terminal Shape	**Ring Tongue**
	Terminal Orientation	**Straight**
	Class	**2**
Dimensions	Stud Diameter	**5 mm [.197 in]**
	Tongue Thickness	**.99 mm [.039 in]**
	Wire Insulation Diameter (Max)	**6.35 mm [.25 in]**
	Wire Insulation Diameter (mm)	**3.81 – 6.35**
	Wire Size (AWG)	**12 – 10**
	Wire Size (mm^2)	**2.62 – 6.64**
	Wire Size (CMA)	**5180 – 13100**
	Barrel Inside Diameter	**6.4 mm [.252 in]**
	Material Thickness	**.99 mm [.039 in]**
	Overall Length	**27.5 mm [1.08 in]**
	Barrel Inside Diameter (Min) (in)	**.252**
Usage Conditions	Operating Temperature Range (°C)	**105**

Operation/Application	Heavy Duty	**No**
Industry Standards	Government Qualified	**Yes**
Packaging Features	Packaging Method	**Tape Mounted**
	Packaging Quantity	**2500**
Other	Barrel Color	**Yellow**
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES

187 POSTITIVE LOCK REC HSG 2P
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