52927 Product Details

52927

TE Internal Number: 52927

✔ Active

Ring and Spade Tongue Terminals

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Terminal Shape = Spring Spade, Short
- Receptacle Style = Straight
- Body Style = PIDG
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

Documentation & Additional Information

Product Drawings:
- WIRE TERMINAL, PIDG, SPRING SPADE WIRE SIZE: 22-16 (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- Pre-Insulated Diamond Grip (PIDG) Terminals, Splices... (PDF, English)

Instruction Sheets:
- AMP* PIDG* (VINYL) & PLASTI-GRIP* SHORT SPRING SPADE... (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version D)
- 3D Model (IGES, Version D)
- 3D Model (STEP, Version D)

Related Products:
- Tooling

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

Product Type Features:
- Terminal Shape = Spring Spade, Short
- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Diameter (mm [in]) = 2.84 [0.112]
- Stud Size = 4
- Shape = SPADE-028
- Heavy Duty = No
- Finish = Tin
- Color = Red

Electrical Characteristics:
- Voltage (VAC) = 300

Termination Features:
- Wire/Cable Size (CMA) = 509 – 3,260

Dimensions:
- Insulation Diameter (mm [in]) = 2.03-3.18 [.080-.125]

Body Features:
- Body Style = PIDG
- Wire Range (mm [AWG]) = 0.30-1.40² [22-16]
- Material = Phosphor Bronze
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- Insulation Material = Nylon

Industry Standards:
- Government/Industry Qualification = No
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
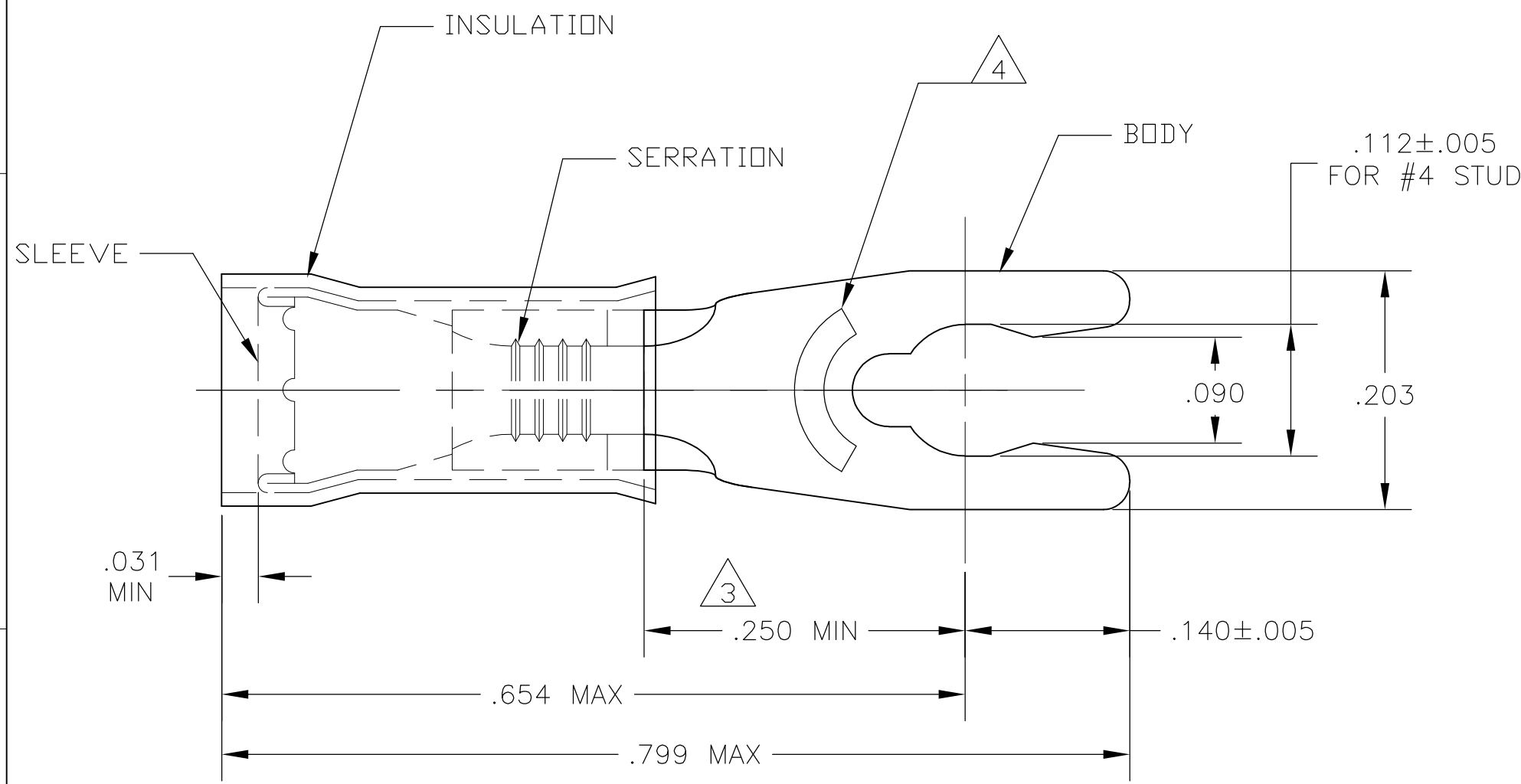- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Features:
- Packaging Method = Loose Piece

Other:
- Brand = AMP

RELEASED FOR PUBLICATION   –,– .

LOC	DIST	REVISIONS						
G	14	P	LTR	DESCRIPTION		DATE	DWN	APVD
			E1	REVISED PER ECO-11-004917		11MAR11	RK	HMR

1   FOR .080-.125 WIRE INSULATION DIA

2   TONGUE MATERIAL THK = .031±.002

△3   APPLIES FROM THE METAL EDGE OF THE
    BARREL TO THE CENTER OF THE STUD

△4   MARKING 22-18 FOR MILITARY,
    COMMERCIAL RANGE 22-16

INSULATION

SERRATION

△4

BODY

.112±.005
FOR #4 STUD

SLEEVE

.090

.203

.031
MIN

△3

.250 MIN

.140±.005

.654 MAX

.799 MAX

QTY	DESCRIPTION	MATERIAL & FINISH	PART NO
100	LOOSE PIECE, BOX	BODY: PHOS BRONZE PER ASTM-B103 TIN PLATE PER ASTM-B545 SLEEVE: COPPER PER ASTM-B152 INSULATION: NYLON PER ASTM-D4066 TYPE 1, COLOR: RED	8-52927-1
5,000	52927 ON TAPE		52927-1
1	WIRE TERMINAL		52927

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN jr ruth 09MAR10	≡TE TE Connectivity
	CHK TOM MICHIELUTTI 09MAR10	
DIMENSIONS: INCHES	APVD TOM MICHIELUTTI 09MAR10	NAME WIRE TERMINAL, PIDG, SPRING SPADE WIRE SIZE: 22-16
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± .008 3 PLC ± – 4 PLC ± – ANGLES ± 5°	PRODUCT SPEC —	
	APPLICATION SPEC —	
		SIZE A3	CAGE CODE 00779	DRAWING NO C-52927	RESTRICTED TO —
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT —	
		CUSTOMER DRAWING	SCALE 8:1	SHEET 1 OF 1	REV E1

1470-19   (3/11)