



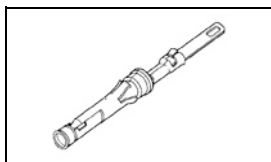
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202237-5 Product Details

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202237-5

TE Internal Number: 202237-5

[Active](#)

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Multimate

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Socket
- Contact Classification = Signal
- Type III+ Series
- Bright Tin Contact Plating, Mating Area, Material
- Brass Contact Base Material

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [SOCKET ASSEMBLY, SOLDER POST, TYPE III+ \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [Signal Contacts \(PDF, English\)](#)
- [AMP Circular Connectors for Commercial Signal & Powe... \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- [Type III+ \(Size 16\) Contacts \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[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:

- Series = Type III+
- Post Type = Solder Tab
- Insulation Support = No
- Termination Method to Wire/Cable = Solder
- Wire/Cable Type = Discrete Wire
- Grade = Commercial

Electrical Characteristics:

- High Current = No

Termination Features:

- [Termination End Plating](#) = Bright Tin
- Solder Tab Plating = Bright Tin

Dimensions:

- Pin Diameter (mm [in]) = 1.57 [0.062]

Body Features:

- Spring Material = Stainless Steel
- Used With = CPC Connectors, M Series Connectors

Contact Features:

- Contact Type = Socket
- Contact Classification = Signal
- Contact Plating, Mating Area, Material = Bright Tin
- Contact Base Material = Brass
- Contact Size = 16

Industry Standards:

- [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

Conditions for Usage:

- [Applies To](#) = Wire/Cable
- Test Current (A) = 13.0

Packaging Features:

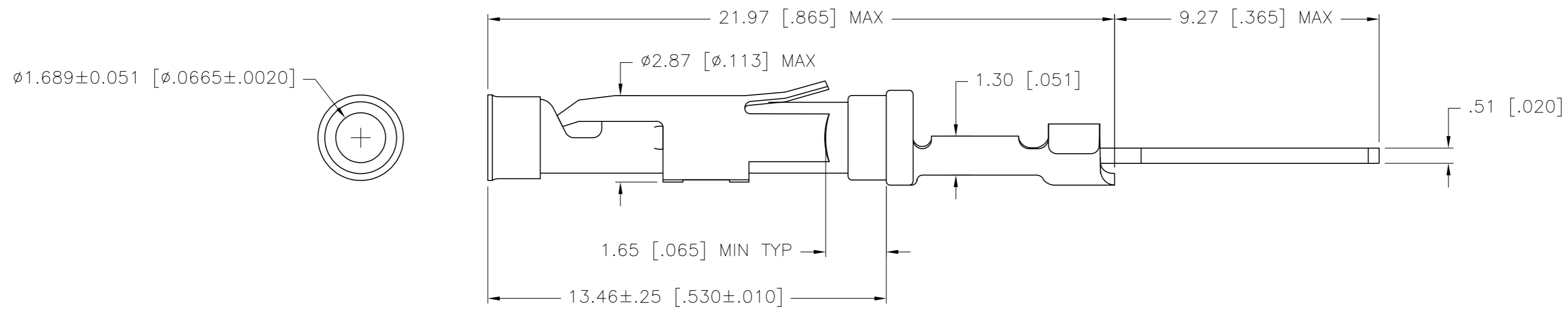
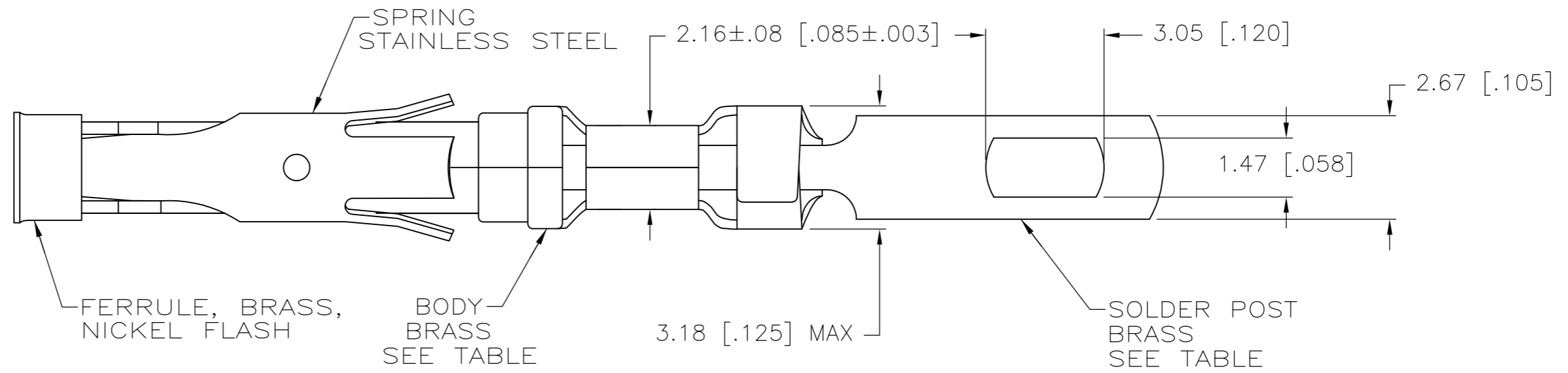
- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP
- Comment = These contacts can be used in MultiMate contact positions of all connector housings.

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
FT	0	T1	REVISED PER ECO-11-004917	11MAR11	RK	HMR	



- ① 0.76µm [.000030] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO 0.25µm [.000010] MIN GOLD PER MIL-G-45204 ON THE REMAINDER OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290.
- ② 1.27µm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290.
- ③ 2.54µm [.000100] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27µm [.000050] MIN NICKEL PER QQ-N-290.
- ④ 2.54µm [.000100] MIN TIN PER MIL-T-10727 OVER 1.27µm [.000050] MIN NICKEL PER QQ-N-290.
- ⑤ 1.27µm [.000050] MIN TIN PER MIL-T-10727 OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290.

SMALL PACK	④	①	202237-8
STANDARD	④	①	202237-7
SMALL PACK	④	⑤	202237-6
STANDARD	④	⑤	202237-5
SMALL PACK	③	②	202237-4
SMALL PACK	③	①	202237-3
STANDARD	③	②	202237-2
STANDARD	③	①	202237-1
PACKAGING TYPE	SOLDER POST FINISH	BODY FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.SHIREY 31JUL91	TE TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK R.STONE 20SEP91		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J.WESTMAN 20SEP91	NAME SOCKET ASSEMBLY, SOLDER POST, TYPE III+	
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ± -		APPLICATION SPEC	A2 00779 C=202237	
2 PLC ± 0.13[.005]		WEIGHT -	SCALE 8:1 SHEET 1 of 1 REV T1	
3 PLC ± -		CUSTOMER DRAWING		
4 PLC ± -				
ANGLES ± -				
FINISH SEE CALLOUTS				