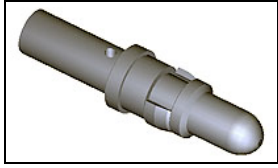


212013-1 Product Details



212013-1

TE Internal Number: 212013-1



Active

Subminiature D Pins/Sockets for MIL-C-24308 and MIL-C-39029

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact
- Product Series = 109
- Contact Type = Pin
- Density = Standard
- Applies To Wire/Cable

Documentation & Additional Information

Product Drawings:

- [ASSEMBLY,PIN CONTACT POWER VIII,#16 & #18 AWG](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, AMPLIMITE, Power VIII](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Product Type](#) = Contact
- [Product Series](#) = 109
- [Termination Method to Wire/Cable](#) = Crimp

Electrical Characteristics:

- [High Current](#) = No

Body Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.80-1.40² [18-16]
- [Retention Clip Material](#) = Beryllium Copper

Contact Features:

- [Contact Type](#) = Pin
- [Contact Size](#) = 8
- [Contact Style](#) = Power
- [Contact Base Material](#) = Copper Alloy
- [Contact Plating, Mating Area, Material](#) = Gold (50)

Configuration Features:

- [Density](#) = Standard

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
- [NASA Qualification](#) = No

Conditions for Usage:

- [Applies To](#) = Wire/Cable

Packaging Features:

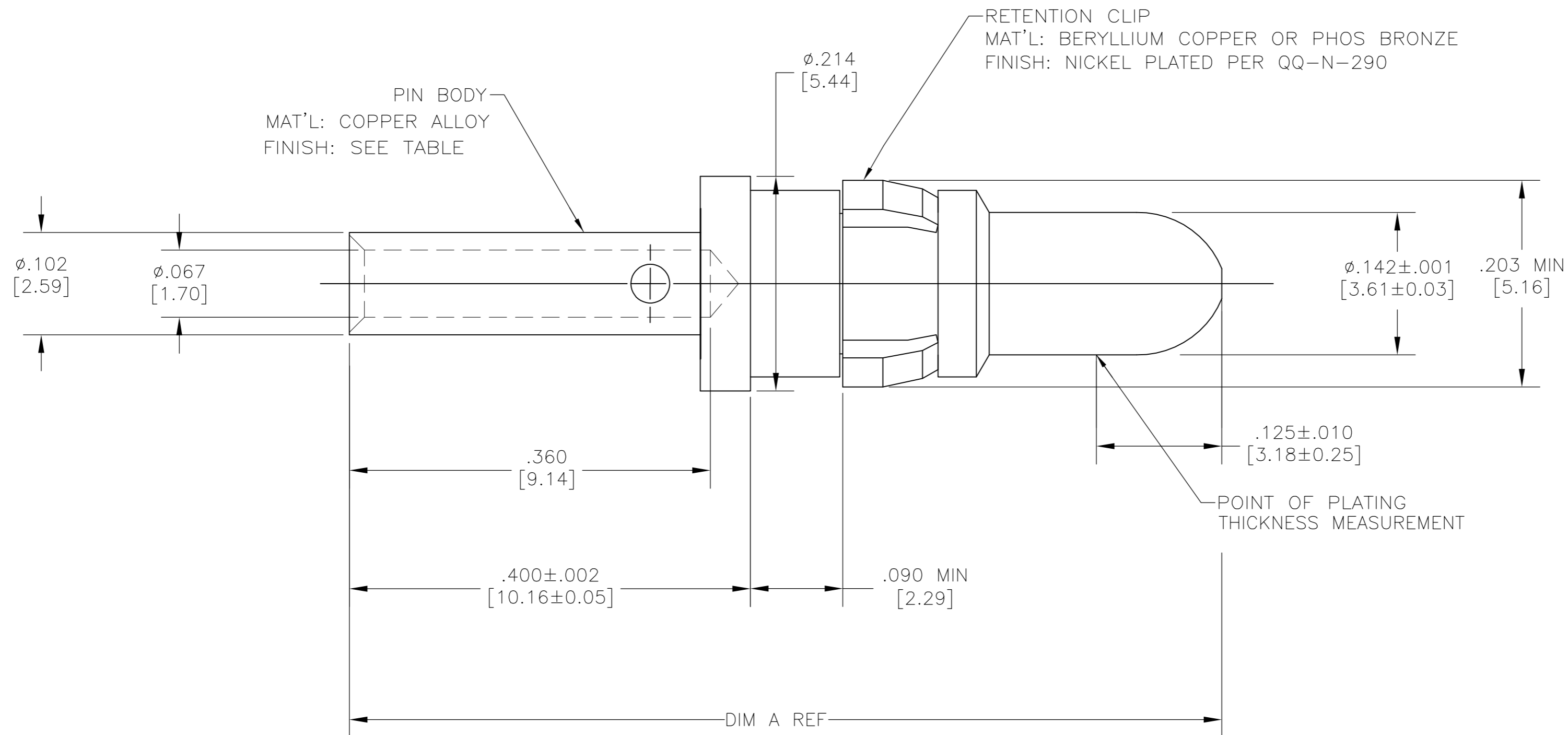
- [Packaging Method](#) = Loose Piece

Other:

- [Brand](#) = AMP
- [Comment](#) = Use these contacts only with the Standard connectors. Do not use with Blindmate connectors.

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	J	REV PER ECO 09-011649	5-13-09	CT	RL		



- THIS PART CONFORMS TO REQUIREMENTS FOR DANIELS CRIMP TOOL NO. FT8, WITH DANIELS POSITIONER PART NO. TP731, STRIP LENGTH .375, #16 AWG SETTING 8, #18 AWG SETTING 6.
- MATES WITH 212014-1 IN AMPLIMITE CONNECTOR ASSEMBLIES ONLY.
- FINISH: PLATED GOLD .000050 [0.00127] MIN THK PER MIL-G-45204 OVER NICKEL .000050 [0.00127] MIN THK PER QQ-N-290.
- FINISH: PLATED GOLD .000030 [0.00076] MIN THK PER MIL-G-45204 OVER NICKEL .000050 [0.00127] MIN THK PER QQ-N-290.
- WIRE BARREL WILL ACCEPT #16-#18 AWG WIRE.
- NOT FOR GENERAL DISTRIBUTION; ONLY TO BE USED IN IBM BLUE GENE CONNECTOR ASSEMBLIES.

PRELIMINARY- NOT RELEASED FOR PRODUCTION	.948 [24.08]	6	3	212013-3
PRELIMINARY- NOT RELEASED FOR PRODUCTION	.870 [22.10]	2	4	212013-2
	.870 [22.10]	2	3	212013-1
	DIM A	REMARKS	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 11/10/00	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK D.MILLER 11/10/00	NAME ASSEMBLY, PIN CONTACT POWER VIII, #16 & #18 AWG	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± - FINISH SEE TABLE		APVD D.MILLER 11/10/00	PRODUCT SPEC 108-10045 APPLICATION SPEC 114-10014	
MATERIAL SEE CALLOUTS		WEIGHT -	SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 10:1	DRAWING NO C=212013	RESTRICTED TO -
		SHEET 1	OF 1	REV J