



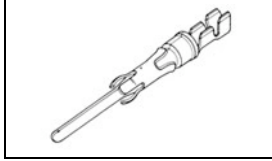
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164164-1 Product Details

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164164-1

TE Internal Number: 164164-1

Active

Multimate

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Pin
- Contact Classification = Ground
- Type III+ Series
- Tin Contact Plating, Mating Area, Material
- Wire Range = 0.80-1.40² [18-16] mm [AWG]

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • loose piece pin type 3+ contact size 16 (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • Signal Contacts (PDF, English) • M_SERIES_PIN_AND_SOCKET_CONNECTORS (PDF, English) • AMP Circular Connectors for Commercial Signal & Powe... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

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Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Series = Type III+ • Insulation Support = Yes • Termination Method to Wire/Cable = Crimp • Wire/Cable Type = Regular Wire • Grade = Commercial • Make First / Break Last = Yes <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • High Current = No <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination End Plating = Tin <p>Dimensions:</p> <ul style="list-style-type: none"> • Pin Diameter (mm [in]) = 1.57 [0.062] <p>Body Features:</p> <ul style="list-style-type: none"> • Wire Range (mm [AWG]) = 0.80-1.40² [18-16] • Spring Material = Stainless Steel • Used With = CPC Connectors 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Classification = Ground • Contact Plating, Mating Area, Material = Tin • Contact Base Material = Copper Alloy • Contact Size = 16 <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Accepts Wire Insulation Diameter, Range (mm [in]) = 2.01 - 2.49 [0.079 - 0.098] • Applies To = Wire/Cable • Test Current (A) = 13.0 <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Loose Piece • Packaging Quantity = 200 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP • Comment = Leading Pin (1.8mm longer than standard pins); Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].

DO NOT SCALE

DIMENSIONS IN mm

METRIC

THIRD ANGLE
PROJECTION



SEE C-164159

DRAWING FOR STRIP PRODUCTS NOW
INCLUDES LOOSE PIECE PRODUCTS

		FINISH			MATERIAL	PARTNUMBER
-	-	-	-	-	CUSTOMER DRAWING	FOR REFERENCE ONLY WILL NOT BE UPDATED
-	-	-	-	-	THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION	
-	-	-	-	-	TE TE Connectivity	
-	-	-	-	-	NAME	LOOSE PIECE PIN TYPE III+ CONTACT SIZE 16
D1	REVISED PER ECO-11-005294	RK	HMR	08APR11		
LTR.	REVISION RECORD	DR.	CHK.	DATE		
DR. -	CHK. -	APP. -		DWG. No.	REV. LTR.	SHEET
DATE -	DATE -	DATE -		C-164162-E	D1	1 OF 1
						A4