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Saturday, 15 October, 2005

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AMPMODU

↳ .100 Inch Centerline-AMPMODU Receptacles

AMP 1-535541-0 [Active](#)

[Not ELV or RoHS Compliant](#)

(Corporate P/N: 1-535541-0)

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Related Part Information

General Information	eCommerce	Related Part Information
<ul style="list-style-type: none"> ▸ General Info ▸ Sales Info ▸ Assembly Subcontractors 	<ul style="list-style-type: none"> ▸ Pricing ▸ Product Availability 	<ul style="list-style-type: none"> ▸ Tooling

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:

Brand:	AMP
Government/Industry Qualification:	No
RoHS/ELV Compliance:	Not ELV/RoHS compliant
Lead Free Solder Processes:	Wave solder capable to 240°C
Product Type:	Receptacle
Connector Series:	Mod IV
Number of Positions:	12
Number of Rows:	Single
Profile:	Low
Mount Angle:	Vertical
Connector Height (mm [in]):	6.22 [0.245]

Other Properties:

Housing Flammability Rating:	UL 94V-0
Housing Color:	Black
Contact Material:	Phosphor Bronze
Solder Tail Plating:	Tin-Lead over Nickel
Contact Current Rating (Amps.):	2
Operating Temperature (°C):	-65 – +105
Contact Resistance (mΩ):	12
Insulation Resistance (MΩ):	5,000
Dielectric Withstanding Voltage (V):	750

Mounting Pattern (mm [in]):	2.54 [.100]
Termination Method:	Through Hole
Sealed:	No
Holddown Feature:	Without
Centerline, Matrix (mm [in]):	2.54 [.100]
PCB Retention Feature:	With
PCB Retention Method Feature:	Kinked Post
Contact Mating Area Plating:	Gold (30)
Housing Entry Style:	Top
Closed Entry:	With
Stackable:	Yes
Housing Material:	Glass-Filled Polyester
Termination Post Length (mm [in]):	3.18 [0.125]
Board Standoff:	With

Approved Standards:	UL E28476, CSA LR7189
Contact Type:	Short Point
Packaging Method:	Gang of Tubes
High Temperature Compatible:	No
Comment:	To obtain the minimum mating post length, add 0.51 [.020] (not including the post lead in chamfer) to the maximum point-of-contact dimension. Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.

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