

AMPHENOL Amphe-PPM Push-Pull Connectors Amphenol®



This product is RoHS compliant.

The Amphe-PPM is a rapid mate push/pull connector which provides positive mating in limited space and ease of use. The design features of the Amphe-PPM allows consumers to save cost in space savings along with installation. Ideally suited, but not limited to, many commercial and industrial applications.

Markets:

- Medical
- Instrumentation
- Test and measurement
- Communication Equipment

Features:

- Push/Pull Rapid Mate connector system
- Sealed IP67 or Non-sealed IP55 versions
- 4 Sealed shell sizes: 10mm, 12mm, 16mm, & 18mm
- 2 Non-sealed shell sizes: 12mm & 16mm
- Termination Style: Solder
- Operating Temperature: -40°C to 100°C
- Mating Cycles: 500+
- Current Rating: 0.8mm: 3 amps, 1mm: 5 amps, 1.5mm: 10 amps, 2.5mm: 25 amps
- Designed to IEC 61984
- Non-Magnetic
- Crimp or PCB tails available on special request.



Straight Plug



Jam Nut Receptacle



Straight Plug with Rubber Boot



Box Mount Receptacle

For quantities of 5 and up, call for quote.

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MOUSER STOCK NO.	Amphenol Part No.	Description	Price Each
Sealed - 10mm - Nickel			
654-APSCPB2	APSCPB2	Box Mt Recept, 3 - 1mm Pin contacts	
654-APSCP6E2	APSCP6E2	Str Plug w/ PG7, 3 - 1mm Pin contacts	
654-APSCP7E2	APSCP7E2	Jam Nut Recept w/ PG7, 3 - 1mm Pin contacts	
654-APSCSB2	APSCSB2	Box Mt Recept, 3 - 1mm Socket contacts	
654-APSCSB6E2	APSCSB6E2	Str Plug w/ PG7, 3 - 1mm Socket contacts	
654-APSCSB7E2	APSCSB7E2	Jam Nut Recept w/ PG7, 3 - 1mm Socket cont.	
654-APSCPD2	APSCPD2	Box Mt Recept, 5 - 0.8mm Pin contacts	
654-APSCPD7E2	APSCPD7E2	Jam Nut Recept w/ PG7, 5 - 0.8mm Pin cont.	
654-APSCSD6E2	APSCSD6E2	Str Plug w/ PG7, 5 - 0.8mm Socket contacts	
654-APSCSD7E2	APSCSD7E2	Jam Nut Recept w/PG7, 5 - 0.8mm Socket cont.	
Sealed - 12mm - Nickel			
654-APSDPA2	APSDPA2	Box Mt Recept, 2 - 1.6mm Pin contacts	
654-APSDSA2	APSDSA2	Box Mt Recept, 2 - 1.6mm Socket contacts	
654-APSDPF2	APSDPF2	Box Mt Recept, 7 - 1mm Pin contacts	
654-APSDPF6E2	APSDPF6E2	Str Plug w/ PG9, 7 - 1mm Pin contacts	
654-APSDPF7E2	APSDPF7E2	Jam Nut Recept w/ PG9, 7 - 1mm Pin contacts	
654-APSDSF2	APSDSF2	Box Mt Recept, 7 - 1mm Socket contacts	
654-APSDSF6E2	APSDSF6E2	Plug w/ PG9, 7 - 1mm Socket contacts	
654-APSDSF7E2	APSDSF7E2	Jam Nut Recept w/ PG9, 7 - 1mm Socket cont.	
Sealed - 16mm - Nickel			
654-APSEPB2	APSEPB2	Box Mt Recept, 2 - 2.5mm Pin contacts	
654-APSEP6E2	APSEP6E2	Str Plug w/ PG13.5, 2 - 2.5mm Pin contacts	
654-APSEP7E2	APSEP7E2	Jam Nut Recept w/ PG13.5, 2 - 2.5mm Pin cont.	
654-APSESB2	APSESB2	Box Mt Recept, 2 - 2.5mm Socket contacts	
654-APSESB6E2	APSESB6E2	Str Plug w/ PG13.5, 2 - 2.5mm Socket cont.	
654-APSESB7E2	APSESB7E2	Jam Nut Recept w/ PG13.5, 2 - 2.5mm Socket	
654-APSEPF2	APSEPF2	Box Mt Recept, 4 - 1.5mm Pin contacts	
654-APSEPF6E2	APSEPF6E2	Str Plug w/ PG13.5, 4 - 1.5mm Pin contacts	
654-APSEPF7E2	APSEPF7E2	Jam Nut Recept w/ PG13.5, 4 - 1.5mm Pin cont.	
654-APSESF2	APSESF2	Box Mt Recept, 4 - 1.5mm Socket contacts	
654-APSESF6E2	APSESF6E2	Str Plug w/ PG13.5, 4 - 1.5mm Socket cont.	
654-APSESF7E2	APSESF7E2	Jam Nut Recept w/ PG13.5, 4 - 1.5mm Socket	
654-APSEPJ2	APSEPJ2	Box Mt Recept, 12 - 1mm Pin contacts	
654-APSEP7E2	APSEP7E2	Jam Nut Recept w/ PG13.5, 12 - 1mm Pin cont.	
654-APSESJ2	APSESJ2	Box Mt Recept, 12 - 1mm Socket contacts	
654-APSESJ7E2	APSESJ7E2	Jam Nut Recept w/ PG13.5, 12 - 1mm Socket	
Sealed - 18mm - Nickel			
654-APSFPA2	APSFPA2	Box Mt Recept, 3 - 2.5mm Pin contacts	
654-APSFPA7E2	APSFPA7E2	Jam Nut Recept w/ PG16, 3 - 2.5mm Pin cont.	
654-APSFSA2	APSFSA2	Box Mt Recept, 3 - 2.5mm Socket contacts	
654-APSFSA6E2	APSFSA6E2	Str Plug w/ PG16, 3 - 2.5mm Socket contacts	
654-APSFSA7E2	APSFSA7E2	Jam Nut Recept w/ PG16, 3 - 2.5mm Socket	
654-APSF7E2	APSF7E2	Box Mt Recept, 5 - 1.5mm Pin contacts	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 5 - 1.5mm Pin contacts	
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 5 - 1.5mm Pin cont.	
654-APSF7E2	APSF7E2	Box Mt Recept, 5 - 1.5mm Socket contacts	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 5 - 1.5mm Socket contacts	
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 5 - 1.5mm Socket	
654-APSF7E2	APSF7E2	Box Mt Recept, 3 - 1.5mm, 5 - 1mm Pin cont.	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 3 - 1.5mm, 5 - 1mm Pin cont.	
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 3 - 1.5mm, 5 - 1mm Pin cont.	
654-APSF7E2	APSF7E2	Box Mt Recept, 3 - 1.5mm, 5 - 1mm Socket	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 3 - 1.5mm, 5 - 1mm Socket	

MOUSER STOCK NO.	Amphenol Part No.	Description	Price Each
Sealed - 18mm - Nickel (Cont.)			
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 3 - 1.5mm, 5 - 1mm Soc	
654-APSF7E2	APSF7E2	Box Mt Recept, 5 - 1mm Pin contacts	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 5 - 1mm Pin contacts	
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 5 - 1mm Pin cont.	
654-APSF7E2	APSF7E2	Box Mt Recept, 5 - 1mm Socket contacts	
654-APSF7E2	APSF7E2	Str Plug w/ PG16, 5 - 1mm Socket contacts	
654-APSF7E2	APSF7E2	Jam Nut Recept w/ PG16, 5 - 1mm Socket	
Non-Sealed - 12mm - Nickel			
654-APNAPA2N	APNAPA2N	Box Mt Recept, 2 - 1.6mm Pin contacts	
654-APNAPA6NC	APNAPA6NC	Str Plug w/ Cable Clamp, 2 - 1.6mm Pin cont	
654-APNAPA7NC	APNAPA7NC	Jam Nut Recept w/Cable Clamp, 2 - 1.6mm Pin	
654-APNASA2N	APNASA2N	Box Mt Recept, 2 - 1.6mm Socket contacts	
654-APNASA7NC	APNASA7NC	Jam Nut Recept w/Cable Clamp, 2 - 1.6mm Soc	
654-APNAPF2N	APNAPF2N	Box Mt Recept, 7 - 1mm Pin contacts	
654-APNASF7NC	APNASF7NC	Jam Nut Recept w/ Cable Clamp, 7 - 1mm Soc	
Non-Sealed - 16mm - Nickel			
654-APNBPB2N	APNBPB2N	Box Mt Recept, 2 - 2.5mm Pin contacts	
654-APNBPB6NC	APNBPB6NC	Str Plug w/ Cable Clamp, 2 - 2.5mm Pin cont.	
654-APNBPB7NC	APNBPB7NC	Jam Nut Recept w/Cable Clamp, 2 - 2.5mm Pin	
654-APNBSB2N	APNBSB2N	Box Mt Recept, 2 - 2.5mm Socket contacts	
654-APNBSB6NC	APNBSB6NC	Str Plug w/ Cable Clamp, 2 - 2.5mm Socket	
654-APNBSB7NC	APNBSB7NC	Jam Nut Recept w/Cable Clamp, 2 - 2.5mm Soc	
654-APNBP7NC	APNBP7NC	Jam Nut Recept w/ Cable Clamp, 4 - 1.5mm Pin	
654-APNBS7NC	APNBS7NC	Jam Nut Recept w/Cable Clamp, 4 - 1.5mm Soc	
654-APNBPJ2N	APNBPJ2N	Box Mt Recept, 12 - 1mm Pin contacts	
654-APNBPJ6NC	APNBPJ6NC	Str Plug w/Cable Clamp, 12 - 1mm Pin cont	
654-APNBPJ7NC	APNBPJ7NC	Jam Nut Recept w/ Cable Clamp, 12 - 1mm Pin	
654-APNBSJ2N	APNBSJ2N	Box Mt Recept, 12 - 1mm Socket contacts	
654-APNBSJ6NC	APNBSJ6NC	Str Plug w/ Cable Clamp, 12 - 1mm Socket	
654-APNBSJ7NC	APNBSJ7NC	Jam Nut Recept w/Cable Clamp, 12 - 1mm Soc	
Non-Sealed - 12mm - Black			
654-APNAPA2B	APNAPA2B	Box Mt Recept, 2 - 1.6mm Pin contacts	
654-APNAPA7BR	APNAPA7BR	Jam Nut Recept w/Rubber Boot, 2 - 1.6mm Pin	
654-APNASA2B	APNASA2B	Box Mt Recept, 2 - 1.6mm Socket contacts	
654-APNASA6BR	APNASA6BR	Str Plug w/ Rubber Boot, 2 - 1.6mm Socket	
654-APNAPF2B	APNAPF2B	Box Mt Recept, 7 - 1mm Pin contacts	
654-APNASF2B	APNASF2B	Box Mt Recept, 7 - 1mm Socket contacts	
Non-Sealed - 16mm - Black			
654-APNBPB2B	APNBPB2B	Box Mt Recept, 2 - 2.5mm Pin contacts	
654-APNBPB6BR	APNBPB6BR	Str Plug w/ Rubber Boot, 2 - 2.5mm Pin cont	
654-APNBPB7BR	APNBPB7BR	Jam Nut Recept w/Rubber Boot, 2 - 2.5mm Pin	
654-APNBSB2B	APNBSB2B	Box Mt Recept, 2 - 2.5mm Socket contacts	
654-APNBSB7BR	APNBSB7BR	Jam Nut Recept w/Rubber Boot, 2 - 2.5mm Soc	
654-APNBP7BR	APNBP7BR	Box Mt Recept, 4 - 1.5mm Pin contacts	
654-APNBP7BR	APNBP7BR	Jam Nut Recept w/Rubber Boot, 4 - 1.5mm Pin	
654-APNBS7BR	APNBS7BR	Box Mt Recept, 4 - 1.5mm Socket contacts	
654-APNBS7BR	APNBS7BR	Jam Nut Recept w/Rubber Boot, 4 - 1.5mm Soc	
654-APNBPJ2B	APNBPJ2B	Box Mt Recept, 12 - 1mm Pin contacts	
654-APNBPJ6BR	APNBPJ6BR	Str Plug w/ Rubber Boot, 12 - 1mm Pin cont	
654-APNBPJ7BR	APNBPJ7BR	Jam Nut Recept w/Rubber Boot, 12 - 1mm Pin	
654-APNBSJ2B	APNBSJ2B	Box Mt Recept, 12 - 1mm Socket contacts	
654-APNBSJ6BR	APNBSJ6BR	Str Plug w/ Rubber Boot, 12 - 1mm Socket	
654-APNBSJ7BR	APNBSJ7BR	Jam Nut Recept w/Rubber Boot, 12 - 1mm Soc	