



**Features:**

- Miniature version of the standard XLR series
- Diecast or Precision machined metal housings
- Metal cable clamp
- Precision machined pin contacts
- Stamped socket contacts
- Solder cup or Printed Circuit board contacts
- Available in 3, 4, 5 or 6 contacts
- Postive latchlock
- Flexible cable grommet

**Part Number Breakdown: Page 124 Specifications: Page 125**  
**PCB Footprints: Page 126 Panel Cutouts: Page 126**

PRODUCT - FIGURE	DRAWING	DESCRIPTION	VARIATIONS	PART NUMBER
		Male cable connector, Machined contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3M AG4M AG5M AG6M
		Female cable connector, Stamped contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3F AG4F AG5F AG6F
		Female cable connector with locking ring, Stamped contacts, Nickel Finish.	3 pole 4 pole 5 pole 6 pole	AG3FL AG4FL AG5FL AG6FL
		Male chassis connector, Machined contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3MCC AG4MCC AG5MCC AG6MCC
		Female chassis connector, Stamped contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3FCE AG4FCE AG5FCE AG6FCE
		Male chassis connector, Horizontal PCB, Machined contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3MCCH AG4MCCH AG5MCCH AG6MCCH
		Female chassis connector, Horizontal PCB, Stamped contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3FCCH AG4FCCH AG5FCCH AG6FCCH



# Amphenol

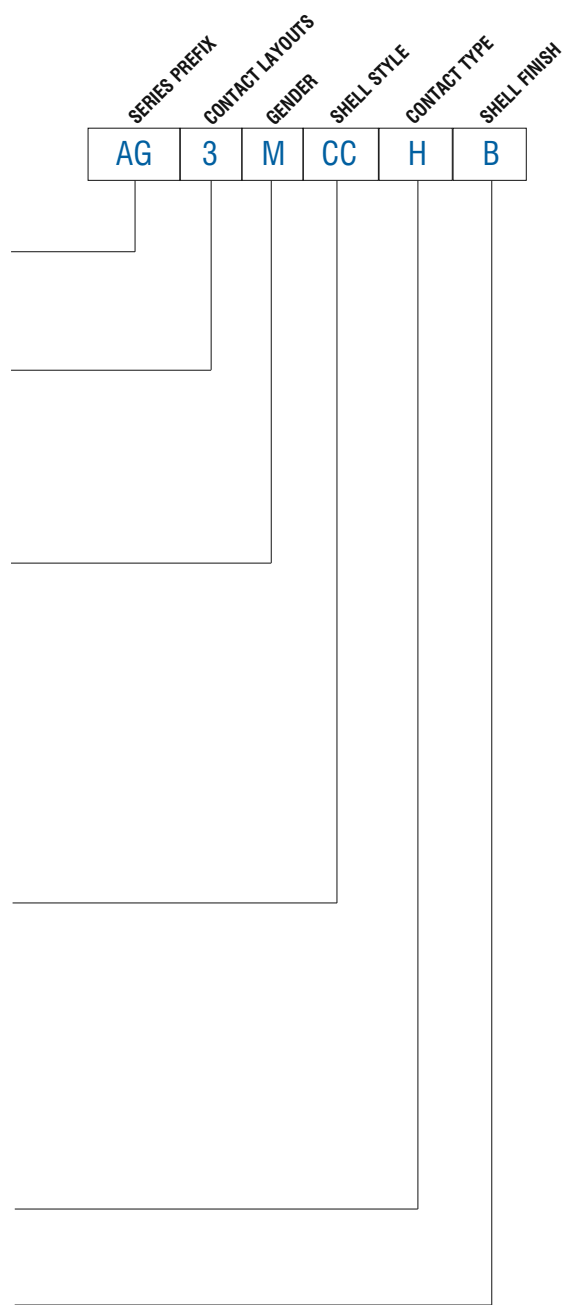
		<p>Male chassis connector, Horizontal PCB, Machined contacts, Thermoplastic shell</p>	<p>4 pole</p>	<p>AG4MPCH</p>
		<p>Female chassis connector, Stamped contacts, Nickel Finish</p>	<p>3 pole</p>	<p>AG3FCRV</p>
			<p>4 pole</p>	<p>AG4FCRV</p>
			<p>5 pole</p>	<p>AG5FCRV</p>
			<p>6 pole</p>	<p>AG6FCRV</p>

## PART NUMBER BREAKDOWN

### G TYPE CONNECTORS

E. G. **AG3MCCHB**  
**AG** (Series Prefix), **3** contacts, **Male**, **Chassis Connector**, **Horizontal PCB Contacts**, **Black finish**.

<b>SERIES PREFIX</b>	AG	=	Series Prefix
<b>CONTACT LAYOUTS</b>	3	=	3 Contacts
	4	=	4 Contacts
	5	=	5 Contacts
	6	=	6 Contacts
<b>GENDER</b>	F	=	Female Socket Contacts
	M	=	Male Pin Contacts
	Blank	=	Cable Connector Standard (Male or Female)
<b>SHELL STYLE</b>	J	=	Cable Connector Large Cable clamp / boot O.D (Male or Female)
	L	=	Cable Connector with locking ring (Female)
	LL	=	Latchless (Chassis Connector)
	CC	=	Chassis Connector Circular Metal (Male)
	CE	=	Rear Mount (Chassis Connector)
	CM	=	Mid Mount (Chassis Connector)
	CR	=	Chassis Connector Rectangular Metal (Female)
	PC	=	Chassis Connector Plastic (Male)
Blank	=	Solder Buckets (All styles except PC, CR)	
<b>CONTACT TYPE</b>	H	=	Horizontal PCB (Style CC, PC only)
	V	=	Vertical PCB (Style CR only)
	Blank	=	Nickel Plated Finish
<b>SHELL FINISH</b>	B	=	Black Finish



## STANDARD DATA G TYPE

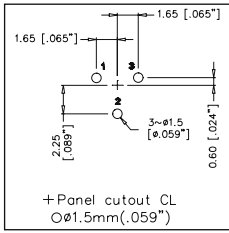
		VALUE			
<b>GENERAL CHARACTERISTICS</b>	Number of Contacts	3	4	5	6
	Termination	Printed Circuit Board (PCB) or Solder Bucket			
	Max. Wire Gauge - Stranded Wire	AWG 24 - 0.5mm <sup>2</sup>			AWG 28 - 0.38mm <sup>2</sup>
	Flammability	UL94V-0			
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU			
<b>ELECTRICAL CHARACTERISTICS</b>	Service Voltage RMS	1000V			250V
	Test Voltage AC RMS	125V AC			
	Current Carrying Capacity	5A	5A	4A	1.2A
	Typical Contact Resistance	≤10mΩ			
	Insulation resistance (initial) After Damp Heat Test	≥510MΩ ≥10MΩ			
	Dielectric Strength	1500 V dc			
<b>CLIMATIC CHARACTERISTICS</b>	Protection Class	IP00			
	Operating Temperature	-30°C to +80°C (-20F - +176F)			
<b>MECHANICAL CHARACTERISTICS</b>	Insertion Spring Separating Force	≥20N			
	Cable O.D.	2mm to 3.5mm (0.078" to 0.137")		3mm to 5mm (0.118" to 0.196")	
	Mechanical Operations	5000 mating cycles			2000 mating cycles
	Weight	13.5g (0.029lb)			
<b>MATERIALS</b>	Connector Shell	Bronze & Zinc			
	Connector Shell Finish	Nickel Plated			
	Insulators	PPS - Black			
	Male Contact	Material - Brass C3604 Plating - Gold over Silver Plated			
	Female Contact	Material - Brass C5210P Plating - Gold over Silver Plated			
	Latch Lock and Spring	SUS (AISI - 301) - Nickel Plated			
	Adaptor	PPS - Black			
	Cable Clamp	Bronze - Nickel Plated			
	Boot/Backshell	ABS - Black			
Grommet	PU - Black				

Rev 4 - 05/2014

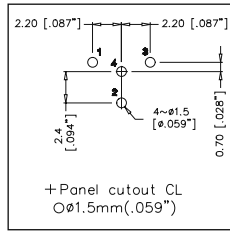
<sup>1)</sup> Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.



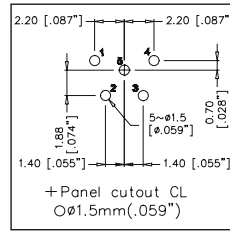
## PANEL CUTOUTS - CONNECTOR SIDE OF PCB



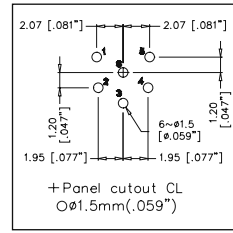
**AG3MCC**



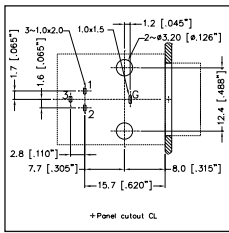
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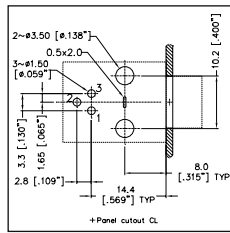
**AG5MCC**



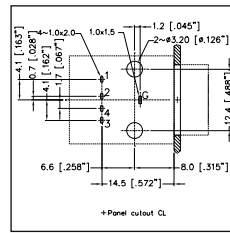
**AG6MCC**



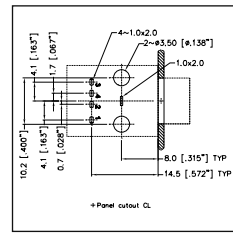
**AG3FCCH**



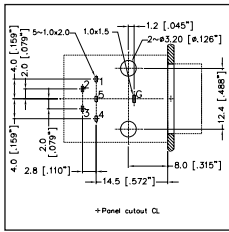
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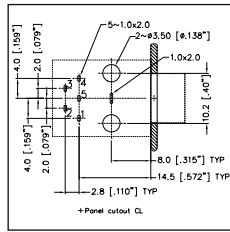
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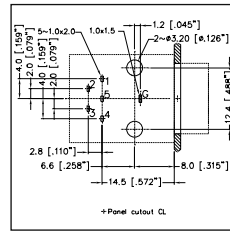
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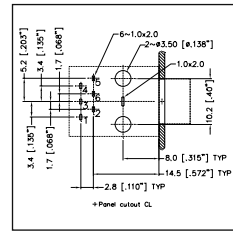
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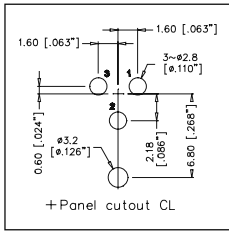
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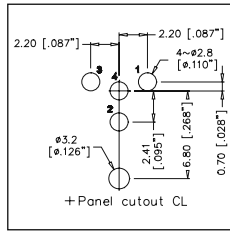
**AG6FCCH**



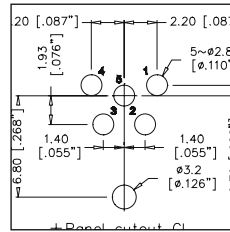
**AG6MCCCH**



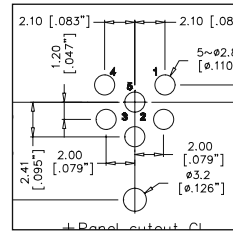
**AG3FCRV**



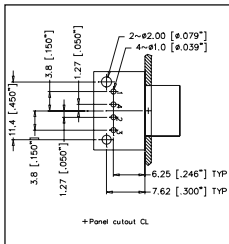
**AG4FCRV**



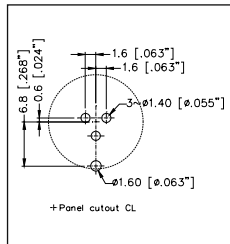
**AG5FCRV**



**AG6FCRV**

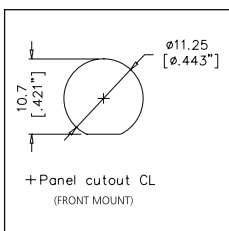


**AG4MPCH**

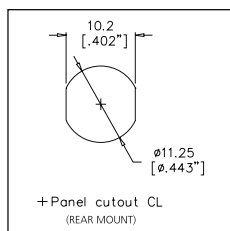


**AG3FCE**

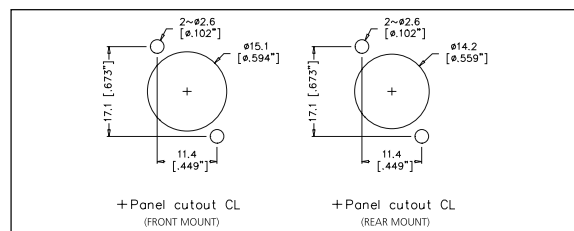
## PANEL CUTOUTS - FRONT VIEW



**AG3MCC  
AG4MCC  
AG5MCC  
AG6MCC**



**AG3MCCCH  
AG4MCCCH  
AG5MCCCH  
AG6MCCCH  
AG4MPCH**



**AG3FCRV  
AG4FCRV  
AG5FCRV  
AG6FCRV**



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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