

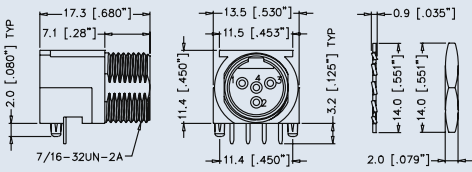
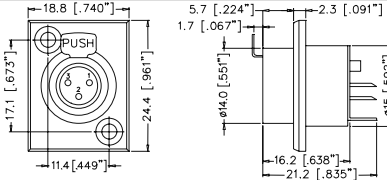


Features:

- 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
- Positive 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

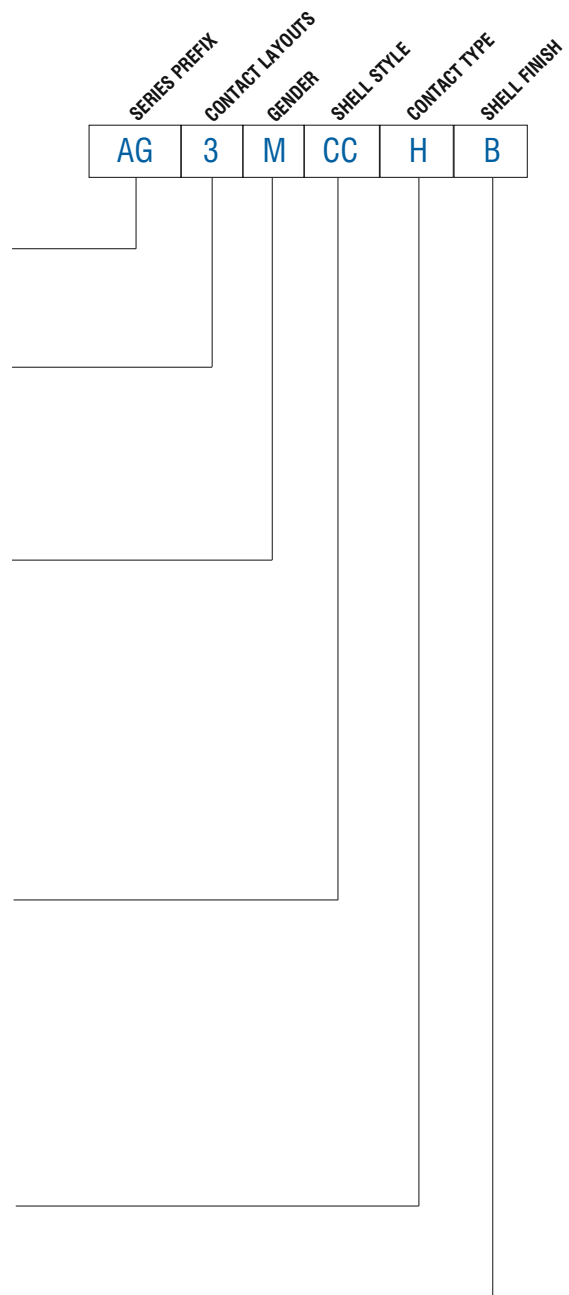
	 17.3 [.680"] 7.1 [.28"] 2.0 [.080"] TYP 7/16-32UN-2A 13.5 [.530"] 11.5 [.453"] 11.4 [.450"] 0.9 [.035"] 3.2 [.125"] TYP 14.0 [.551"] 14.0 [.551"] 2.0 [.079"]	Male chassis connector, Horizontal PCB, Machined contacts, Thermoplastic shell	4 pole	AG4MPCH
	 18.8 [.740"] 17.1 [.673"] 24.4 [.961"] 11.4 [.449"] 5.7 [.224"] 1.7 [.067"] 2.3 [.091"] 16.2 [.638"] 21.2 [.835"] 14.0 [.551"] 15 [.592"]	Female chassis connector, Stamped contacts, Nickel Finish	3 pole 4 pole 5 pole 6 pole	AG3FCRV AG4FCRV AG5FCRV AG6FCRV

PART NUMBER BREAKDOWN

G TYPE CONNECTORS

E. G. **AG3MCCHB**
AG (Series Prefix), **3** contacts, **Male**, **C**hassis **C**onconnector, **H**orizontal PCB **C**ontacts, **B**lack finish.

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



STANDARD DATA G TYPE

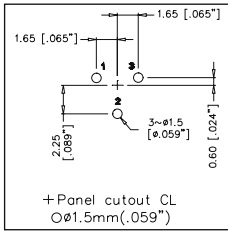
		VALUE			
GENERAL CHARACTERISTICS	Number of Contacts	3	4	5	6
	Termination	Printed Circuit Board (PCB) or Solder Bucket			
	Max. Wire Gauge - Stranded Wire	AWG 24 - 0.5mm ²			AWG 28 - 0.38mm ²
	Flammability	UL94V-0			
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU			
ELECTRICAL CHARACTERISTICS	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			
CLIMATIC CHARACTERISTICS	Protection Class	IP00			
	Operating Temperature	-30°C to +80°C (-20F - +176F)			
MECHANICAL CHARACTERISTICS	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)			
MATERIALS	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

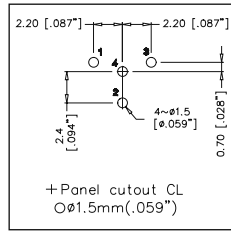
¹⁾ Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.



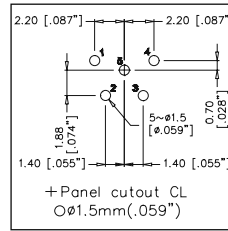
PANEL CUTOUTS - CONNECTOR SIDE OF PCB



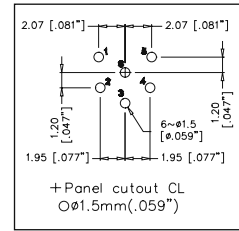
AG3MCC



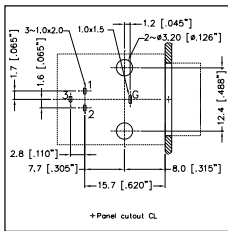
AG4MCC



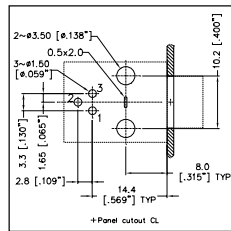
AG5MCC



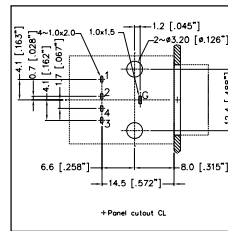
AG6MCC



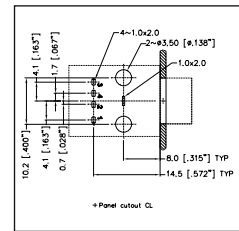
AG3FCCH



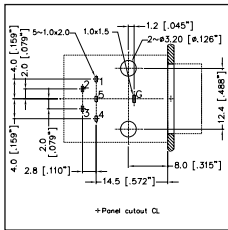
AG3MCCH



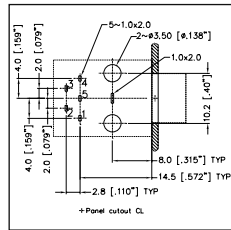
AG4FCCH



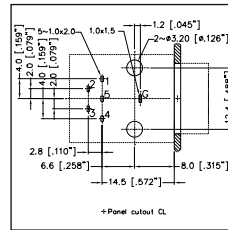
AG4MCCH



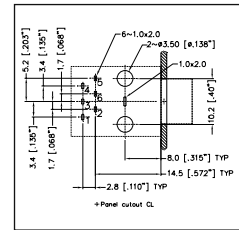
AG5FCCH



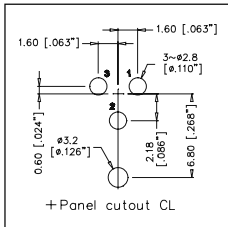
AG5MCCH



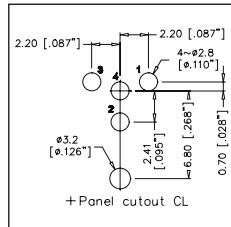
AG6FCCH



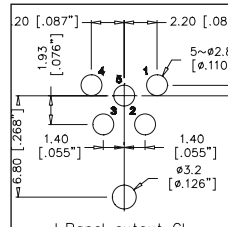
AG6MCCH



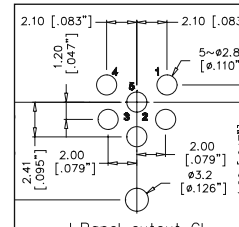
AG3FCRV



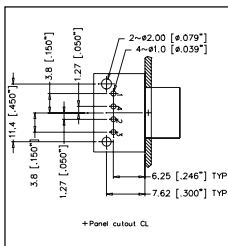
AG4FCRV



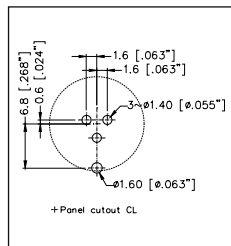
AG5FCRV



AG6FCRV

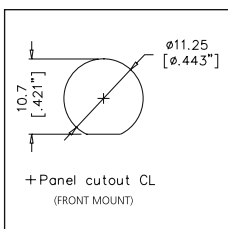


AG4MPCH

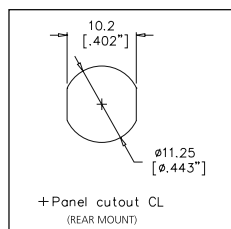


AG3FCE

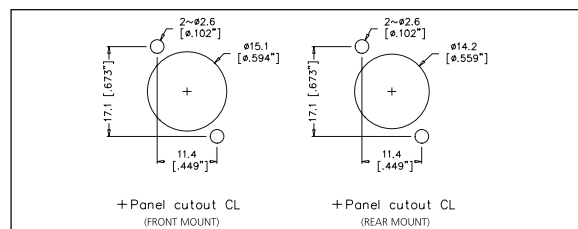
PANEL CUTOUTS - FRONT VIEW



AG3MCC
AG4MCC
AG5MCC
AG6MCC



AG3MCCH
AG4MCCH
AG5MCCH
AG6MCCH
AG4MPCH



AG3FCRV
AG4FCRV
AG5FCRV
AG6FCRV