

G-TYPE MINIATURE XLR CONNECTORS

Features:

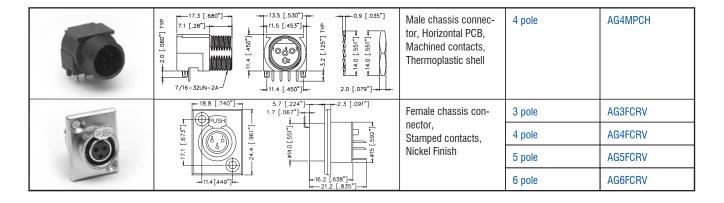
- Miniature version of the standard XLR series
- Diecast or Precision machined metal housings
- Metal cable clamp
- Precision machined pin contacts
- Stamped socket contacts
- Solder cup or Printed Circuit board contacts
- Available in 3, 4, 5 or 6 contacts
- Postive latchlock
- Flexible cable grommet

Part Number Breakdown: Page 52 Specifications: Page 53 PCB Footprints: Page 54 Panel Cutouts: Page 54

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	*		Male cable connector, Machined contacts,	3 pole	AG3M
	ø10.5 [.413 ⁻]	[.413]		4 pole	AG4M
	<u> </u>			5 pole	AG5M
	la la	——52 [2.055"]———————————————————————————————————		6 pole	AG6M
Can			Female cable con- nector, Stamped contacts, Nickel Finish	3 pole	AG3F
	610.5 [.413 [*]]			4 pole	AG4F
		40.5 [1.596"]		5 pole	AG5F
	-	49 [1.910"]———		6 pole	AG6F
_	,	36 [1.398"]————————————————————————————————————	Female cable connector with locking ring, Stamped contacts, Nickel Finish.	3 pole	AG3FL
E	-508"]			4 pole	AG4FL
	[508]			5 pole	AG5FL
	16 [.634"]-	49 [1.929"]————		6 pole	AG6FL
	1.0 [.039*]	Male chassis	3 pole	AG3MCC	
	//e"-32		connector, Machined contacts, Nickel Finish	4 pole	AG4MCC
	7/16"-32	012 [.472]		5 pole	AG5MCC
	2.0 [.079"]	17.8 [.701"] 3 pole		6 pole	AG6MCC
	22.1 [.870"] 2.5 [.098"]	1.0 2.0 [.079"]	Female chassis connector, Stamped contacts,	3 pole	AG3FCE
		PUSH FUSH FU		4 pole	AG4FCE
	-18.5 [.6607] -18.5 [.7267]		Nickel Finish	5 pole	AG5FCE
	8.6 [.337"]	8.4 [.333"]		6 pole	AG6FCE
	26.8 [1.056*] -15.5 [.610*] -1.0 [.039*] -1.		Male chassis	3 pole	AG3MCCH
		connector, Horizontal PCB,	4 pole	AG4MCCH	
	2.5 [.398]	15.2	Machined contacts, Nickel Finish	5 pole	AG5MCCH
	19.9 [.785*]	2.0 [.079"]		6 pole	AG6MCCH
	28.3 [1.114"] 2.5 [.098"]-	18.0 [.707"]	Female chassis	3 pole	AG3FCCH
	8.4 3333 PUSH		connector, Horizontal PCB,	4 pole	AG4FCCH
	14.6 (.575)-1-14.0 (.100)	4.0 [.157]	Stamped contacts, Nickel Finish	5 pole	AG5FCCH
		2.0		6 pole	AG6FCCH

XLR Connectors

G-Type Miniature XLR Connectors



PART NUMBER BREAKDOWN

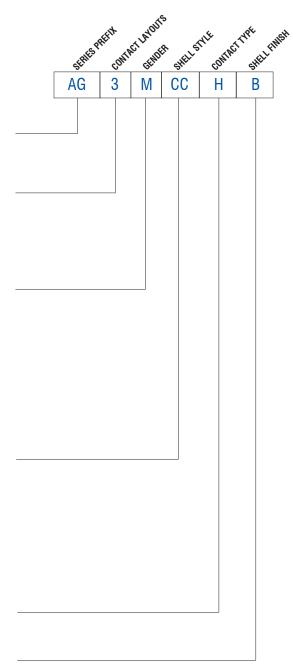
G TYPE CONNECTORS

E. G. AG3MCCHB

AG (Series Prefix), 3 contacts, Male, Chassis Connector, Horizontal PCB Contacts,

Rlack finish

SERIES PREFIX	AG	_	Series Prefix
	710		CONSTRUIT
CONTACT LAYOUTS	3	=	3 Contacts
	4	=	4 Contacts
	5	=	5 Contacts
	6	=	6 Contacts
GENDER	F	=	Female Socket Contacts
	M	=	Male Pin Contacts
	Blank	=	Cable Connector Standard (Male or Female)
SHELL STYLE	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)
CONTACT TYPE	Н	=	Horizontal PCB (Style CC, PC only)
	V	=	Vertical PCB (Style CR only)
	Blank	=	Nickel Plated Finish
SHELL FINISH	В	=	Black Finish



STANDARD DATA G TYPE

		VALUE						
GENERAL	Number of C	ontacts	3	4	5	6		
CHARACTERISTICS	Termination	Termination		Printed Circuit Board (PCB) or Solder Bucket				
	Max. Wire Gauge - Stranded Wire		AWG 24 - 0.5mm ² AWG 28 - 0.38					
	Flammability		UL94V-HB					
	Environmental		Complies with EU RoHS 2 Directive 2011/65/EU					
ELECTRICAL Characteristics	Current Carrying Capacity		5A	5A	4A	1.2A		
	Typical Contact Resistance		≤10mΩ					
	Insulation resistance (initial) After Damp Heat Test		≥510MΩ ≥10MΩ					
	Dielectric Strength		1000 V dc			250 V dc		
CLIMATIC	Protection Class		IP00					
CHARACTERISTICS	Operating Temperature		-30°C to +80°C (-20F - +176F)					
MECHANICAL Characteristics	Insertion Spring Separating Force		≥20N					
	Cable O.D. Standard		2mm to 3.5mm (0.078" to 0.137")					
	Large clamp / boot (Option "J")		3mm to 5mm (0.118" to 0.196")					
	Mechanical Operations		5000 mating cycles			2000 mating cycles		
	Weight	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					

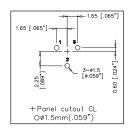
¹⁾Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes. Not suitable for voltages over 50V.

XLR Connectors

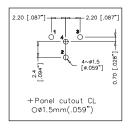
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PANEL CUTOUTS

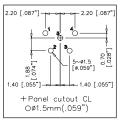
- CONNECTOR SIDE OF PCB



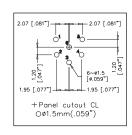
AG3MCC



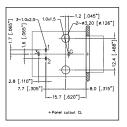
AG4MCC



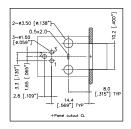
AG5MCC



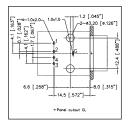
AG6MCC



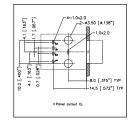
AG3FCCH



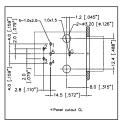
AG3MCCH



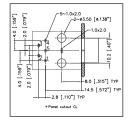
AG4FCCH



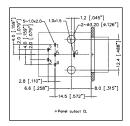
AG4MCCH



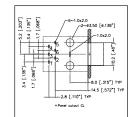
AG5FCCH



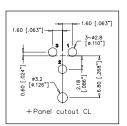
AG5MCCH



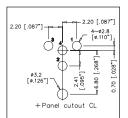
AG6FCCH



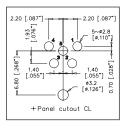
AG6MCCH



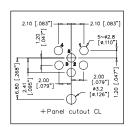
AG3FCRV



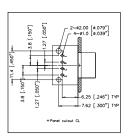
AG4FCRV



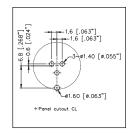
AG5FCRV



AG6FCRV

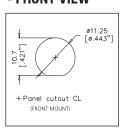


AG4MPCH

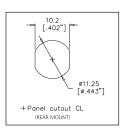


AG3FCE

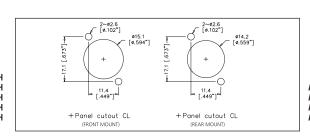
PANEL CUTOUTS - FRONT VIEW



AG3MCC AG4MCC AG5MCC AG6MCC



AG3MCCH AG4MCCH AG5MCCH AG6MCCH AG4MPCH



AG3FCRV AG4FCRV AG5FCRV AG6FCRV