



SERIES GMLM

MasterLatch™

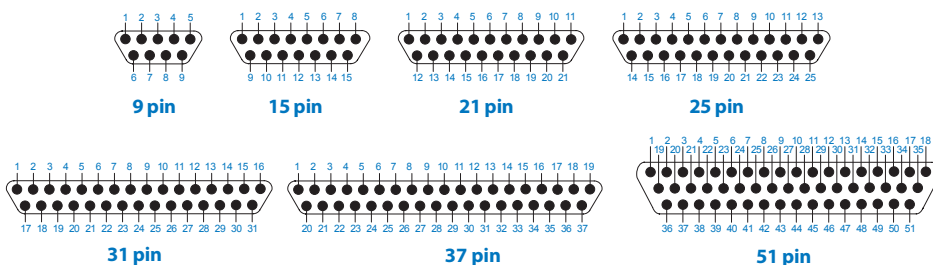
QUICK-DISCONNECT MICRO-D

MasterLatch (GMLM) Quick-release locking Micro-D connector pairs are equipped with a precision latching and locking mechanism. The single thumb latch on the plug side actuates a pair of locking latches that mate quickly and reliably to GMLM receptacles. These TwistPin equipped, low-insertion-force connectors meet all the standard performance requirements of MIL-DTL-8513 including vibration, shock, and mating durability. Choose from 7 different insert arrangements from 9 to 51 way. The unique ergonomic latching mechanism can be easily activated with a thumb and forefinger grip even when wearing gloves, or when difficult access to connector pairs makes the use of jacking hardware and tools impossible.



- Precision latch meets MIL-DTL-83513 vibration and shock
- Low insertion force TwistPin contacts
- Easy-to-activate latching mechanism

Face view pin connector - Micro-D contact arrangements

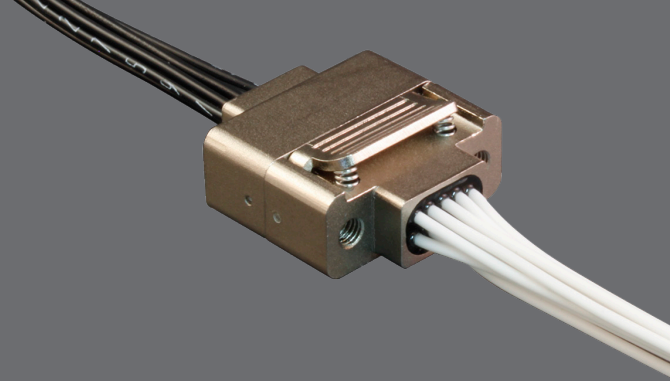


For more information contact Glenair at 818-247-6000 or visit our website at www.glenair.com

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QUICK-DISCONNECT MICRO-D



How To Order GMLM MasterLatch™	
Sample Part Number	GMLM 2 L -25 P -6 K 7 -18
Product Series	GMLM Glenair MasterLatch™ Micro-D
Shell Plating	1- Cadmium 2- Nickel 4- Black Anodize 5- Gold 6- Chem Film
Insulator Material	L - LCP or PPS
Contact Layout	9, 15, 21, 25, 31, 37, 51
Connector Type	P - Single Ended Pin (Plug) S - Pin (Plug) Connector Both Ends
Wire Gauge	4 - 24 AWG 6 - 26 AWG 8 - 28 AWG 0 - 30 AWG (30 AWG-Lab Only)
Wire Type	K - M22759/11 600 Vrms Teflon (TFE) J - M22759/33 600 Vrms Modified Cross-Linked Tefzel (ETFE)
Wire Color Code	1 - White 2 - Yellow 5 - Color Coded 7 - Ten Color Repeating
Cable Length In Inches	18 - 18 inches

Series GMLM MasterLatch™ Dimensions							
Pin				Socket			
Layout	A Max	B Max	C	D Max	E Max	F Max	G
9P	0.785	0.333	0.320	0.610	0.290	0.400	0.183
9S	0.785	0.342	0.320	0.429	0.295	0.400	0.183
15P	0.935	0.483	0.320	0.610	0.290	0.550	0.183
15S	0.935	0.492	0.320	0.429	0.295	0.550	0.183
21P	1.085	0.633	0.320	0.610	0.290	0.700	0.183
21S	1.085	0.642	0.320	0.429	0.295	0.700	0.183
25P	1.185	0.733	0.320	0.610	0.290	0.800	0.183
25S	1.185	0.742	0.320	0.429	0.295	0.800	0.183
31P	1.335	0.883	0.320	0.610	0.290	0.950	0.183
31S	1.335	0.892	0.320	0.429	0.295	0.950	0.183
37P	1.485	1.033	0.320	0.610	0.290	1.100	0.183
37S	1.485	1.042	0.320	0.429	0.295	1.100	0.183
51P	1.435	0.983	0.320	0.610	0.290	1.050	0.183
51S	1.435	0.992	0.320	0.429	0.295	1.050	0.183

MasterLatch™ GMLM connectors are sold as prewired pigtails only, with 18 inch wire leads. Contact factory for alternative lengths.

MATERIAL AND FINISH

- Insulator: Liquid crystal polymer or PPS
- Wire: M22759/11 600 Vrms Teflon (TFE) or M22759/33 600 Vrms Modified Cross-Linked Tefzel (ETFE)
- Pin Contacts: Gold-plated beryllium copper alloy
- Socket Contacts: Gold-plated phosphor bronze alloy
- Shell: Aluminum alloy with choice of cadmium plate, electroless nickel, black anodize, gold, or chem film
- Latching mechanism: Stainless steel



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