



SERIES 234-105

MIL-DTL-38999 Series IV*

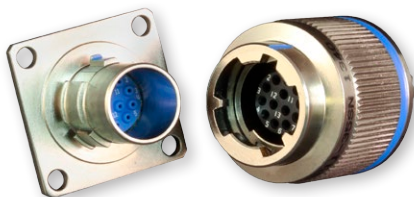
*Mil-Spec qualification pending



Time-tested, industry standard breech-lock connector

From vertical launch fire-control, tracking, and multi-target missile systems to rugged industrial applications such as mining/gas-pressure blasting, the Glenair MIL-DTL-38999 Series IV type connector is the ultimate solution for positive and reliable breech-locking connector performance. Built IAW MIL-DTL-38999 Series IV, Glenair series 234-105 plug and receptacle connectors are available in shell sizes 11–25, with all MIL-STD 1560 insert arrangements as well as high-density and hybrid shielded contact arrangements. The heart of the 234-105 connector is its revolutionary coupling nut/locking technology which provides familiar breech-lock mating augmented with both primary and secondary locking mechanisms. Environmentally sealed, EMI grounded, and outfitted with pin-to-pin mating protection to prevent circuit shorts and mechanical damage, the Glenair 234-105 delivers unsurpassed reliability and anti-demating performance.

- IAW MIL-DTL-38999 Series IV
- Optimized for SWAMP area applications
- Quick-disconnect 90° breech coupling mechanism
- Visual, audible and tactile full-mate indicators
- Integrated EMI grounding fingers
- -65°C to 200°C operating temperature range



Series IV solutions are available in environmental, filter, and hermetic class configurations in shell sizes from 11–25 supporting the full range of MIL-STD-1560 insert arrangements



Glenair's complete Series IV solution includes protective covers and dummy stowage receptacles—available in all sizes, materials, and plating configurations.



For more information contact Glenair at 818-247-6000 or visit our website at www.glenair.com U.S. CAGE code 06324

SERIES 234-105

MIL-DTL-38999 Series IV

Industry standard breech-lock connector
Super fast turnaround on quotes and orders



SERIES 234-105 PLUG AND RECEPTACLE, LOCKING, HIGH-VIBRATION



How To Order	
Sample Part Number	234-105 -44 NF 11 -35 P N
D38999 Series IV Type Connectors	234-105 = Environmental Class*
Connector Style	See Table I
Material/Finish	See Table II
Shell Size	11, 13, 15, 17, 19, 21, 23, 25
Contact Arrangement	Per MIL-DTL-1560
Contact Designator	P = Pin A = Pin Gender, Less Contacts S = Socket B = Socket Gender, Less Contacts
Polarization	N (Normal), A, B, C, D, K, L, M, R, & U

NOTES

- Materials and finish
Insulator: High grade rigid dielectric
O-ring: Silicone
Contacts: IAW AS39029
Seals: Fluorosilicone blend
- Blue color band indicates rear release contact retention system
- Connector supplied with contacts (including spares), insertion/removal tools and sealing plugs IAW MIL-DTL-38999
- Glenair 234-105 connectors are designed to mate with any QPL manufacturer's MIL-DTL-38999 Series IV connectors with the same insert arrangement and polarization. Mil-spec qualification pending.

Table I: Connector Style	
40	Square-flange wall mount receptacle
42	Box-mount square flange receptacle
44	Jam nut receptacle
46	Plug with EMI grounding spring
47	Plug without EMI grounding spring
49	In-line cable receptacle

*Glenair also supplies a full line of qualified MIL-DTL-38999 Series IV pin and socket contact hermetic receptacles—most popular part numbers in stock and ready for immediate shipment

Table II: Material / Finish		
Symbol	Material	Finish
ME	Aluminum	Electroless Nickel
NF		Cad O.D. over Electroless Nickel
G2		Anodize, Hardcoat
ZR		Zinc Nickel, Black
MT		Nickel-PTFE
Z1*	Stainless Steel	Passivate
ZL*		Electro-Deposited Nickel

*Available in receptacle only. Not firewall rated.



A complete range of application tooling is available, including adjustable crimp tools, contact insertion and removal tools, Band-Master™ EMI shield termination system tools and others—all available for immediate, same-day shipment



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