Glenair®

SERIES 88

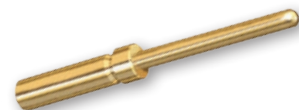# SuperFly®: the ultimate nanominiature tactical connector

The ultimate high-performance connector series: ready for the toughest (and smallest!) applications you've got

Glenair Series 88 *SuperFly®* represents a perfect storm of high-performance contacts, shells, wires, termination and mating technologies. *SuperFly®* is the only connector series in existence that combines the weight-saving and performance advantages of nanominiature, microminiature and AS39029 type (size #23) contacts in a precision package made to order for battlefield and other high-performance applications. Available in factory-terminated cordsets, single-ended pigtails, and discrete PCB termination receptacles for complete flexibility in cable and box configurations. *SuperFly* cordsets ship with ultra-flexible, high-speed GhostWire™ cabling, your choice of threaded or quick disconnect coupling and a wide-range of contact arrangements from 3–44 contacts. PCB receptacles are available in straight and right-angle configurations.

Rear-panel mount push-pull and threaded PCB receptacles now available

SUPPORTED CONTACTS

#23 AS39029 Type 5 Amp Crimp Contact

#24 Micro-D 3 Amp TwistPin Contact

#30 Nano-D 1 Amp TwistPin Contact

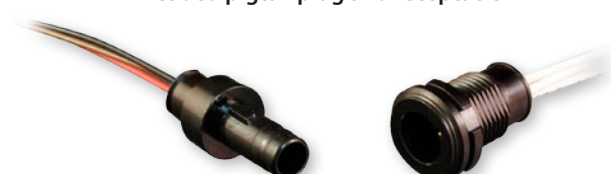### ULTRAMINIATURE SUPERFLY® CORDSETS AND PIGTAILS

Overmolded threaded plug and receptacle

Quick-disconnect overmolded cordset

Threaded pigtail plug and receptacle

Quick-disconnect pigtail plug and jam nut receptacle

- IP67 immersion rated
- High-reliability contacts: 5 Amp, 3 Amp, and 1 Amp
- High shock and vibration
- Robust EMI shielding
- Designed for high speed data applications

- Pre-wired, epoxy-sealed cordsets
- Straight and right-angle PC tail receptacles
- 21 Contact arrangements
- Front or rear panel mounting
- Aluminum or stainless steel
- Accepts #22 to #32 AWG wire

SuperFly® Layouts Arranged by Protocol					
Layout	Protocol(s)	Layout	Protocol(s)	Layout	Protocol(s)
B-7N	eSATA/SATA	E-4M4N	Ethernet PoE	H-6W14N	HDMI (3 extra)
C-10N	USB 3.0 (low power) Ethernet	F-22N	HDMI (3 extra) DisplayPort (2 extra)	J-44N	
C-2M2N	USB	F-4W4N	Ethernet PoE	J-7W19N	HDMI (7 extra) Camera Link
D-3M		G-7W	eSATA/SATA	K-19M	HDMI
D-2W2N	USB	G-10M	USB 3.0 Ethernet (2 extra)	K-13M19N	HDMI (13 extra)
E-3W		H-10W	USB 3.0 Ethernet (2 extra)	L-22M	HDMI (3 extra) DisplayPort (2 extra)
E-19N	HDMI	H-37N			

Contact Arrangements										
5 AMP		COMBO 5 AMP & 1 AMP		3 AMP		COMBO 3 AMP & 1 AMP		1 AMP		
E3W (3) 5A	G7W (7) 5A	D2W2N (2) 5A, (2) 1A	F4W4N (4) 5A, (4) 1A	D3M (3) 3A	G10M (10) 3A	C2M2N (2) 3A, (2) 1A	E4M4N (4) 3A, (4) 1A	B7N (7) 1A	C10N (10) 1A	E19N (19) 1A
H10W (10) 5A	H6W14N (6) 5A, (14) 1A	J7W19N (7) 5A, (19) 1A	K19M (19) 3A	L22M (22) 3A	G6M10N (6) 3A, (10) 1A	K13M19N (13) 3A, (19) 1A	F22N (22) 1A	H37N (37) 1A	J44N (44) 1A	