

BAYONET-COUPLING MICRO MINIATURE CIRCULAR Series 806 Mil-Aero Connectors



806B-022 Square-Flange Receptacle with PCB standoff

SERIES 806 BAYONET

HOW TO ORDER	
Sample Part Number	806B-022 -ME 11-19 S 1 T A
Basic Part Number	806B-022 Square-Flange Receptacle with PCB standoff
Material and Finish	-NF = Aluminum Alloy, O.D. Cadmium over Electroless Nickel -MT = Aluminum Alloy, Nickel-PTFE -ME = Aluminum Alloy, Electroless Nickel -ZR = Aluminum Alloy, Black Zinc-Nickel -Z1 = Stainless Steel, Passivate -ZL = Stainless Steel, Electro-Deposited Nickel
Insert Arrangement	See Table I
Contact Type	P = Pin S = Socket E = Solder Cup, Pin F = Solder Cup, Skt
PC Tail Length	1 = .125" 2 = .250" Soldercup = Omit
Panel Mounting Hole Style	T = Thru Hole C = Clinch nuts for rear panel mounting, 4-40, M45938/6-4C (Consult factory for SST with clinch nuts)
Key Position	See Dimensions Table

MATERIAL/FINISH

- Shell - Al Alloy or Cres / See Material and Finish Table.
- Insulators - High Grade Rigid Dielectirc.
- Interfacial & Peripheral Seal - Fluorosilicone Blend
- Contact - Copper Alloy / Gold Plated

NOTES

- Assembly to be identified with Glenair's name, part number and date code, space permitting.
- See 806-023 for printed circuit board layouts.
- Insert arrangement shown for reference only, see 806-015 for additional contact arrangements.
- This receptacle connector mates with all bayonet-style coupling, Glenair 806 style, plug connectors with same polarization and opposite contact gender.
- This connector meets all performance requirements of Glenair product spec 806-014.
- Backfill with epoxy. Consult manufacturer for hermetically sealed versions.
- Integral pcb stand off 4x 4-40 unc .156 Min. Thread and locating post.

TABLE I: SHELL SIZE - INSERT ARRANGEMENT

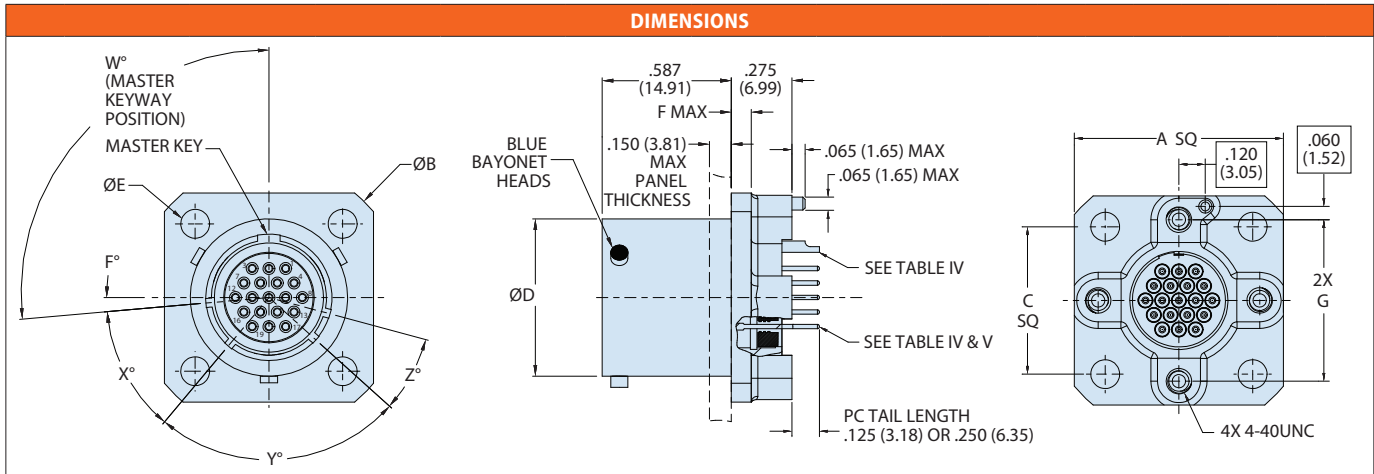
Contact Layout	Number of Contacts					Contact Layout	Number of Contacts					Contact Layout	Number of Contacts				
	22HD	20HD	16	12	8		22HD	20HD	16	12	8		22HD	20HD	16	12	8
7-3	3					24-92		92			20-4					4	
8-4	4					8-1			1		22-5					5	
8-7	7					10-2			2		24-8					8	
9-11	11					11-4			4		10-8A	6		2			
10-15	15					12-5			5		11-13	11		2			
11-19	19					14-7			7		12-27	26		1			
12-26	26					16-12			12		14-21	17		4			
14-39	39					18-15			15		16-41	37		4			
16-60	60					20-22			22		18-59	55		4			
18-85	85					22-24			24		11-14	13			1		
20-110	110					24-35			35		12-14	12			2		
22-140	140					9-1				1	14-22	20			2		
24-186	186					12-2				2	16-32	28			4		
8-3		3				14-3				3	16-42	40			2		
9-5		5				16-4				4	18-62	60			2		
10-8		8				16-7				7	14-20A	19				1	
11-10		10				18-8				8	16-22	20				2	
12-15		15				20-11				11	18-21	18				3	
14-20		20				22-13				13	20-28	24				4	
16-31		31				24-19				19	22-44	40				4	
18-41		41				10-1					24-97	93				4	
20-55		55				16-2				2							
22-69		69				18-3				3							

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Shell Size	A Max	Ø B Max	C	Ø D	Ø E Thru Hole	F Max	G	Master Keyway Codes (W°)				Minor Keyway Positions												
								N	A	B	C	D	F°	X°	Y°	Z°								
7	0.780 (19.81)	0.993 (25.22)	0.513 (13.03)	0.390 (9.91)	0.128 (3.25)	0.100 (2.54)	0.489 (12.42)	104°					14°	45°	85°	38°								
8	0.856 (21.74)	1.101 (27.97)	0.594 (15.09)	0.485 (12.32)			0.534 (13.56)		80°	110°														
9	0.895 (22.73)	1.144 (29.06)	0.625 (15.88)	0.563 (14.30)			0.579 (14.71)																	
10	0.979 (24.87)	1.277 (32.44)	0.719 (18.26)	0.612 (15.54)			0.679 (17.25)		75°	63°	127°	115°												
11	1.035 (26.29)	1.342 (34.09)	0.765 (19.43)	0.695 (17.65)			0.734 (18.64)																	
12	1.072 (27.23)	1.410 (35.81)	0.812 (20.62)	0.760 (19.30)			0.804 (20.42)		95°				5°	45°	88°	27°								
14	1.166 (29.62)	1.542 (39.17)	0.906 (23.01)	0.845 (21.46)			0.891 (22.63)																	
16	1.234 (31.34)	1.632 (41.45)	0.969 (24.61)	0.966 (24.54)			1.049 (26.64)																	
18	1.328 (33.73)	1.778 (45.16)	1.062 (26.97)	1.086 (27.58)			1.148 (29.16)										80°	69°	121°	110°				
20	1.453 (36.91)	1.910 (48.51)	1.156 (29.36)	1.211 (30.76)			1.252 (31.80)																	
22	1.578 (40.08)	2.083 (52.91)	1.250 (31.75)	1.325 (33.66)	1.369 (34.77)																			
24	1.703 (43.26)	2.248 (57.10)	1.375 (34.93)	1.462 (37.13)	0.154 (3.91)	0.125 (3.18)	1.509 (38.33)																	

MOUNT INFO		K	
Size	Ø J	With Clinch Nut	Without Clinch Nut
		7	0.465 (11.81)
8	0.557 (14.15)		
9	0.634 (16.10)		
10	0.682 (17.32)		
11	0.774 (19.66)		
12	0.799 (20.29)		
14	0.923 (23.44)		
16	1.043 (26.49)		
18	1.193 (30.30)		
20	1.317 (33.45)	0.154 (3.91)	
22	1.431 (36.35)		
24	1.567 (39.80)		

PANEL MOUNT INFO

DIAMETER	
Contact Size	PC Tail Dia
8	0.180 (4.57)
12	0.094 (2.39)
16	0.062 (1.57)
20	0.030 (0.76)
22	0.020 (0.51)