

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



806B-019 In-Line Receptacle

SERIES 806 BAYONET

HOW TO ORDER						
Sample Part Number	806B-019	-ME	11-19	S	M	A
Basic Part Number	806B-019 In-Line Receptacle					
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	A = Pin Connector, Less Contacts B = Socket Connector, Less Contacts P = Pin S = Socket					
Shell Style	M = Metric (Accessory Thread) B = Band (Platform for Attaching Cable Shield)					
Key Position	See Dimensions Table					

MATERIAL/FINISH

- Shell - Al Alloy or CRES
- Insulators - High Grade Rigid Dielectirc.
- Interfacial Seal, Grommet - Fluorosilicone / Blend
- Contact - Copper Alloy / Gold Plate Per Mil-G-45204, Type II, Grade C, Class 5 (.000050 INCH) over a minimum of .000050 Inch nickel plating.

NOTES

- Assembly to be identified with Glenair's name, part number and date code, space permitting.
- Blue color bayonet heads indicate rear release retention system.
- See Series 80 catalog for contact termination tools.
- This receptacle connector mates with all bayonet-style coupling, Glenair 806B style, plug connectors with same polarization and opposite contact gender.
- Connectors supplied with standard crimp contacts, for coax or other special contacts, consult factory for option. Connector can be ordered less contacts (contacts style a or b) and contacts ordered separately.
- This connector meets all performance requirements of Glenair product spec 806-014.
- Terminate shield with Glenair BandMaster ATS® Tool 601-108 and Glenair Nano Band.
- Groove for use with overmolded strain relief or 809-060 heat shrink boots.

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					1	24-97	93			4	
20-55		55				16-2					2						
22-69		69				18-3					3						

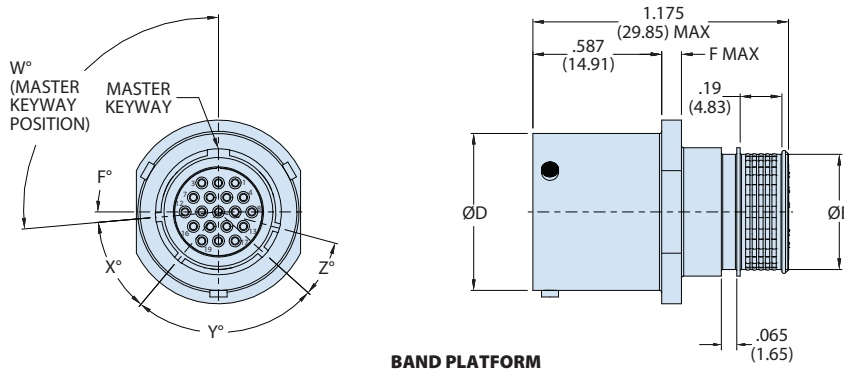
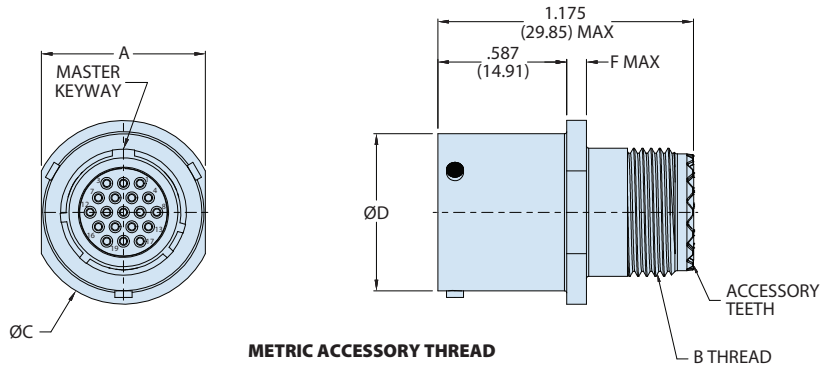
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DIMENSIONS



Shell Size	A Max	B Thread	Ø C Max	Ø D	Ø E	F Max	Master Keyway Codes (W°)					Minor Keyway Positions				
							N	A	B	C	D	F°	X°	Y°	Z°	
7	0.431 (10.95)	M8 X 1-6g-.100R	0.509 (12.93)	0.390 (9.91)	0.265 (6.73)	0.100 (2.54)	104°					14°	45°	85°	38°	
8	0.519 (13.18)	M10 X 1-6g-.100R	0.571 (14.50)	0.485 (12.32)	0.327 (8.31)		80°	110°								
9	0.596 (15.14)	M12 X 1-6g-.100R	0.634 (16.10)	0.563 (14.30)	0.406 (10.31)											
10	0.654 (16.61)	M14 X 1-6g-.100R	0.696 (17.68)	0.612 (15.54)	0.484 (12.29)		95°					5°	45°	88°	27°	
11	0.739 (18.77)	M15 X 1-6g-.100R	0.821 (20.85)	0.695 (17.65)	0.524 (13.31)											
12	0.746 (18.95)	M17 X 1-6g-.100R	0.884 (22.45)	0.720 (18.29)	0.603 (15.32)											
14	0.871 (22.12)	M19 X 1-6g-.100R	1.009 (25.63)	0.845 (21.46)	0.681 (17.30)		0.125 (3.18)	80°	69°	121°	110°					
16	0.998 (25.35)	M22 X 1-6g-.100R	1.134 (28.80)	0.966 (24.54)	0.782 (19.86)											
18	1.126 (28.60)	M25 X 1-6g-.100R	1.259 (31.98)	1.086 (27.58)	0.899 (22.83)											
20	1.251 (31.78)	M28 X 1-6g-.100R	1.384 (35.15)	1.211 (30.76)	1.043 (26.49)											
22	1.374 (34.90)	M31 X 1-6g-.100R	1.509 (38.33)	1.325 (33.66)	1.155 (29.34)											
24	1.497 (38.02)	M34 X 1-6g-.100R	1.634 (41.50)	1.462 (37.13)	1.273 (32.33)											