

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



## 806B-013 Square-Flange Receptacle



### MATERIAL/FINISH

- Shell - Al Alloy or CRES
- Insulators - High Grade Rigid Dielectirc.
- Interfacial Seal, Grommet - Fluorosilicone Blend
- Contact - Copper Alloy / Gold Plated

### 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.
- Insert arrangement shown for reference only, see 806-015 for additional contact arrangements.
- This receptacle connector mates with all bayonet-style coupling, Glenair 806B style, plug connectors with same polarization and opposite contact gender.
- Plug connectors with same polarization and opposite contact gender. Contacts, consult factory for option. Connector can be ordered less contacts (contacts syle 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.

HOW TO ORDER							
<b>Sample Part Number</b>	<b>806B-013</b>	<b>-ME</b>	<b>11-19</b>	<b>S</b>	<b>M</b>	<b>T</b>	<b>A</b>
<b>Basic Part Number</b>	<b>806B-013</b> Square-Flange Receptacle						
<b>Material and Finish</b>	- <b>NF</b> = Aluminum Alloy, O.D. Cadmium over Electroless Nickel - <b>MT</b> = Aluminum Alloy, Nickel-PTFE - <b>ME</b> = Aluminum Alloy, Electroless Nickel - <b>ZR</b> = Aluminum Alloy, Black Zinc-Nickel - <b>Z1</b> = Stainless Steel, Passivate - <b>ZL</b> = Stainless Steel, Electro-Deposited Nickel						
<b>Insert Arrangement</b>	See Table I						
<b>Contact Type</b>	<b>A</b> = Pin Connector, Less Contacts <b>B</b> = Socket Connector, Less Contacts <b>P</b> = Pin <b>S</b> = Socket						
<b>Shell Style</b>	<b>M</b> = Metric (Accessory Thread) <b>B</b> = Band (Platform for Attaching Cable Shield)						
<b>Panel Mounting Hole Style</b>	<b>T</b> = Thru hole						
<b>Key Position</b>	<b>C</b> = Clinch Nut (Consult factory for SST with clinch nuts)						
<b>Key Position</b>	See Dimensions Table						

TABLE I: SHELL SIZE - INSERT ARRANGEMENT

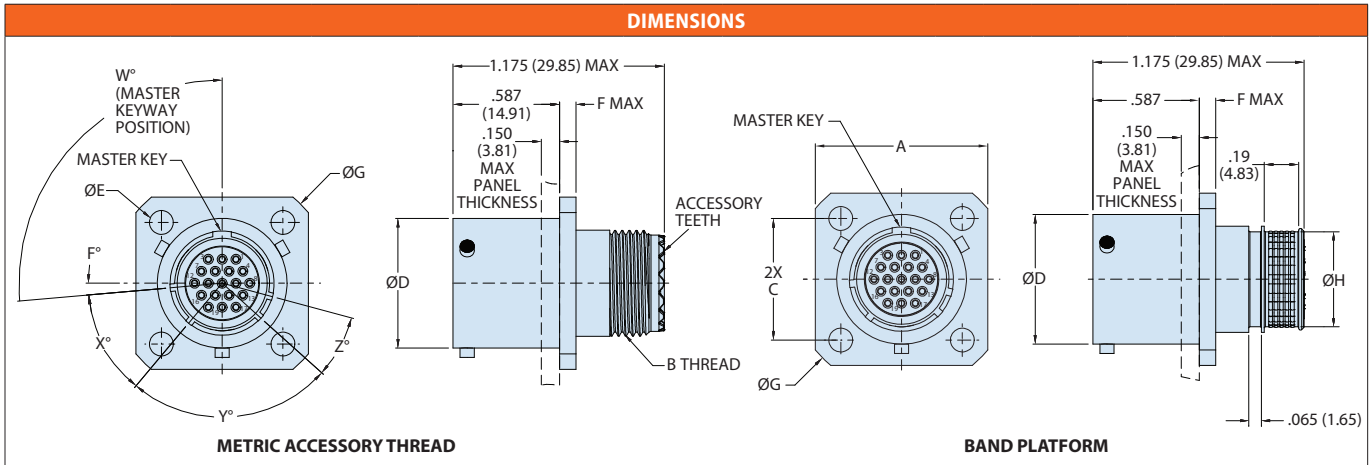
Contact Layout	Number of Contacts					Contact Layout	Number of Contacts					Contact Layout	Number of Contacts				
	22HD	20HD	16	12	8		22HD	20HD	16	12	8		22HD	20HD	16	12	8
7-3	3					24-92		92				20-4				4	
8-4	4					8-1			1			22-5				5	
8-7	7					10-2			2			24-8				8	
9-11	11					11-4			4			10-8A	6		2		
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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## 806B-013 Square-Flange Receptacle

SERIES 806 BAYONET



Shell Size	A Max	B Thread	C	Ø D	Ø E Thru Hole	F Max	Ø G Max	Ø H	Master Keyway Codes (W°)					Minor Keyway Positions			
									N	A	B	C	D	F°	X°	Y°	Z°
7	0.780 (19.81)	M8 X 1-6g-.100R	0.513 (13.03)	0.390 (9.91)	0.128 (3.25)	0.100 (2.54)	0.993 (25.22)	0.265 (6.73)	104°					14°	45°	85°	38°
8	0.856 (21.74)	M10 X 1-6g-.100R	0.594 (15.09)	0.485 (12.32)			1.101 (27.97)	0.327 (8.31)		80°	110°						
9	0.895 (22.73)	M12 X 1-6g-.100R	0.625 (15.88)	0.563 (14.30)			1.144 (29.06)	0.406 (10.31)									
10	0.979 (24.87)	M14 X 1-6g-.100R	0.719 (18.26)	0.612 (15.54)			1.277 (32.44)	0.484 (12.29)		75°	63°	127°	115°				
11	1.035 (26.29)	M15 X 1-6g-.100R	0.765 (19.43)	0.695 (17.65)			1.342 (34.09)	0.524 (13.31)									
12	1.072 (27.23)	M17 X 1-6g-.100R	0.812 (20.62)	0.720 (18.29)			1.410 (35.81)	0.603 (15.32)		95°	80°	69°	121°	110°			
14	1.166 (29.62)	M19 X 1-6g-.100R	0.906 (23.01)	0.845 (21.46)			1.542 (39.17)	0.681 (17.30)									
16	1.234 (31.34)	M22 X 1-6g-.100R	0.969 (24.61)	0.966 (24.54)			1.632 (41.45)	0.782 (19.86)		5°	45°	88°	27°				
18	1.328 (33.73)	M25 X 1-6g-.100R	1.062 (26.97)	1.086 (27.58)			1.778 (45.16)	0.899 (22.83)									
20	1.453 (36.91)	M28 X 1-6g-.100R	1.156 (29.36)	1.211 (30.76)			1.910 (48.51)	1.043 (26.49)									
22	1.578 (40.08)	M31 X 1-6g-.100R	1.250 (31.75)	1.325 (33.66)	2.083 (52.91)	1.155 (29.34)											
24	1.703 (43.26)	M34 X 1-6g-.100R	1.375 (34.93)	1.462 (37.13)	0.154 (3.91)	0.125 (3.18)	2.248 (57.10)	1.273 (32.33)									

MOUNT INFO				
Size	J Min. Rear Panel Mnt	J Min. Front Panel Mnt	K	
			With Clinch Nut	Without Clinch Nut
7	0.465 (11.81)	0.349 (8.86)	0.128 (3.25)	0.128 (3.25)
8	0.557 (14.15)	0.411 (10.44)		
9	0.634 (16.10)	0.490 (12.45)		
10	0.682 (17.32)	0.568 (14.43)		
11	0.774 (19.66)	0.618 (15.70)		
12	0.799 (20.29)	0.697 (17.70)		
14	0.923 (23.44)	0.775 (19.69)		
16	1.043 (26.49)	0.876 (22.25)		
18	1.193 (30.30)	0.993 (25.22)		
20	1.317 (33.45)	1.137 (28.88)		
22	1.431 (36.35)	1.249 (31.72)	0.154 (3.91)	
24	1.567 (39.80)	1.367 (34.72)		