806B-012 Plug

MATERIAL/FINISH

- Plug Barrel, Coupling Nut - Al Alloy Or CRES
- Insulators - High Grade Rigid Dielectirc.
- Interfacial Seal, Grommet - Fluorosilicone Blend
- Contact - Copper Alloy / Gold Plated
- Ground Spring - Beryllium Copper / Nickel Plated (Silver Plated For ZR Finish)

NOTES

- Assembly to be identified with Glenair's name, part number and date code, space permitting.
- Blue Color Band Indicates 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 plug connector mates with all bayonet-style receptacle, Glenair 806B style, connectors with same polarization and opposite contact gender.
- Connectors supplied with standard crimp contacts, for coax or other special consult factory for option. Connector can be ordered less contacts 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

Sample Part Number	806B-012	-ME	11-19	S	M	A

Basic Part Number	**806B-012** Plug
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

TABLE I: SHELL SIZE - INSERT ARRANGEMENT

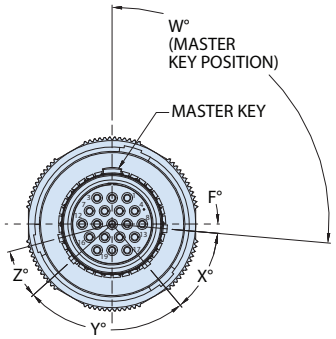
Contact Layout	Number of Contacts				
	22HD	20HD	16	12	8
7-3	3				
8-4	4				
8-7	7				
9-11	11				
10-15	15				
11-19	19				
12-26	26				
14-39	39				
16-60	60				
18-85	85				
20-110	110				
22-140	140				
24-186	186				
8-3		3			
9-5		5			
10-8		8			
11-10		10			
12-15		15			
14-20		20			
16-31		31			
18-41		41			
20-55		55			
22-69		69			

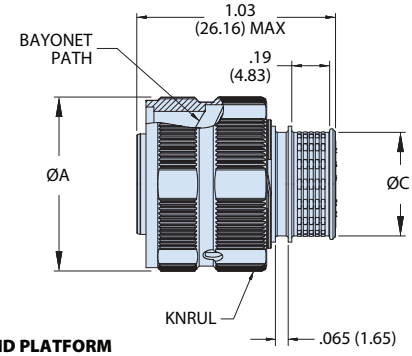
Contact Layout	Number of Contacts				
	22HD	20HD	16	12	8
24-92		92			
8-1			1		
10-2			2		
11-4			4		
12-5			5		
14-7			7		
16-12			12		
18-15			15		
20-22			22		
22-24			24		
24-35			35		
9-1				1	
12-2				2	
14-3				3	
16-4				4	
16-7				7	
18-8				8	
20-11				11	
22-13				13	
24-19				19	
10-1					1
16-2					2
18-3					3

Contact Layout	Number of Contacts				
	22HD	20HD	16	12	8
20-4					4
22-5					5
24-8					8
10-8A	6		2		
11-13	11		2		
12-27	26		1		
14-21	17		4		
16-41	37		4		
18-59	55		4		
11-14	13			1	
12-14	12			2	
14-22	20			2	
16-32	28			4	
16-42	40			2	
18-62	60			2	
14-20A	19				1
16-22	20				2
18-21	18				3
20-28	24				4
22-44	40				4
24-97	93				4

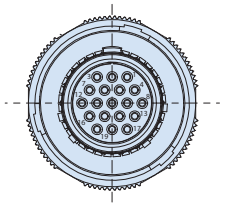
806B-012 Plug

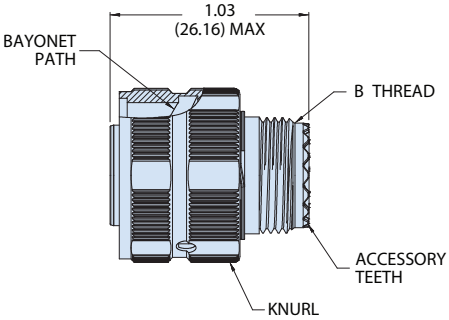
DIMENSIONS





BAND PLATFORM





METRIC ACCESSORY THREAD

Shell Size	Ø A Max	B Thread	Ø C	Master Keyway Codes (W°)					Minor Keyway Positions			
				N	A	B	C	D	F°	X°	Y°	Z°
7	0.614 (15.60)	M8 X 1.0-6g-.100R	0.265 (6.73)	104°					14°	45°	85°	38°
8	0.676 (17.17)	M10 X 1.0-6g-.100R	0.327 (8.31)	95°	80°	110°			5°	45°	88°	27°
9	0.771 (19.58)	M12 X 1.0-6g-.100R	0.406 (10.31)									
10	0.832 (21.13)	M14 X 1.0-6g-.100R	0.484 (12.29)									
11	0.889 (22.58)	M15 X 1.0-6g-.100R	0.524 (13.31)		75°	63°	127°	115°				
12	0.950 (24.13)	M17 X 1.0-6g-.100R	0.603 (15.32)									
14	1.060 (26.92)	M19 X 1.0-6g-.100R	0.681 (17.30)		80°	69°	121°	110°				
16	1.169 (29.69)	M22 X 1.0-6g-.100R	0.782 (19.86)									
18	1.330 (33.78)	M25 X 1.0-6g-.100R	0.899 (22.83)									
20	1.468 (37.29)	M28 X 1.0-6g-.100R	1.043 (26.49)									
22	1.600 (40.64)	M31 X 1.0-6g-.100R	1.155 (29.34)									
24	1.710 (43.43)	M34 X 1.0-6g-.100R	1.273 (32.33)									