



806-092 Series 806 Mil-Aero PowerPlay Square-Flange Receptacle Connector

SERIES 806 MIL-AERO POWERPLAY HIGH DENSITY



**MATERIAL/FINISH**

- Shell: Al alloy or CRES / see How to Order table
- Insulators: high grade rigid dielectric
- Interfacial seal, grommet: fluorosilicone blend
- Contact: copper alloy / gold plate

**NOTES**

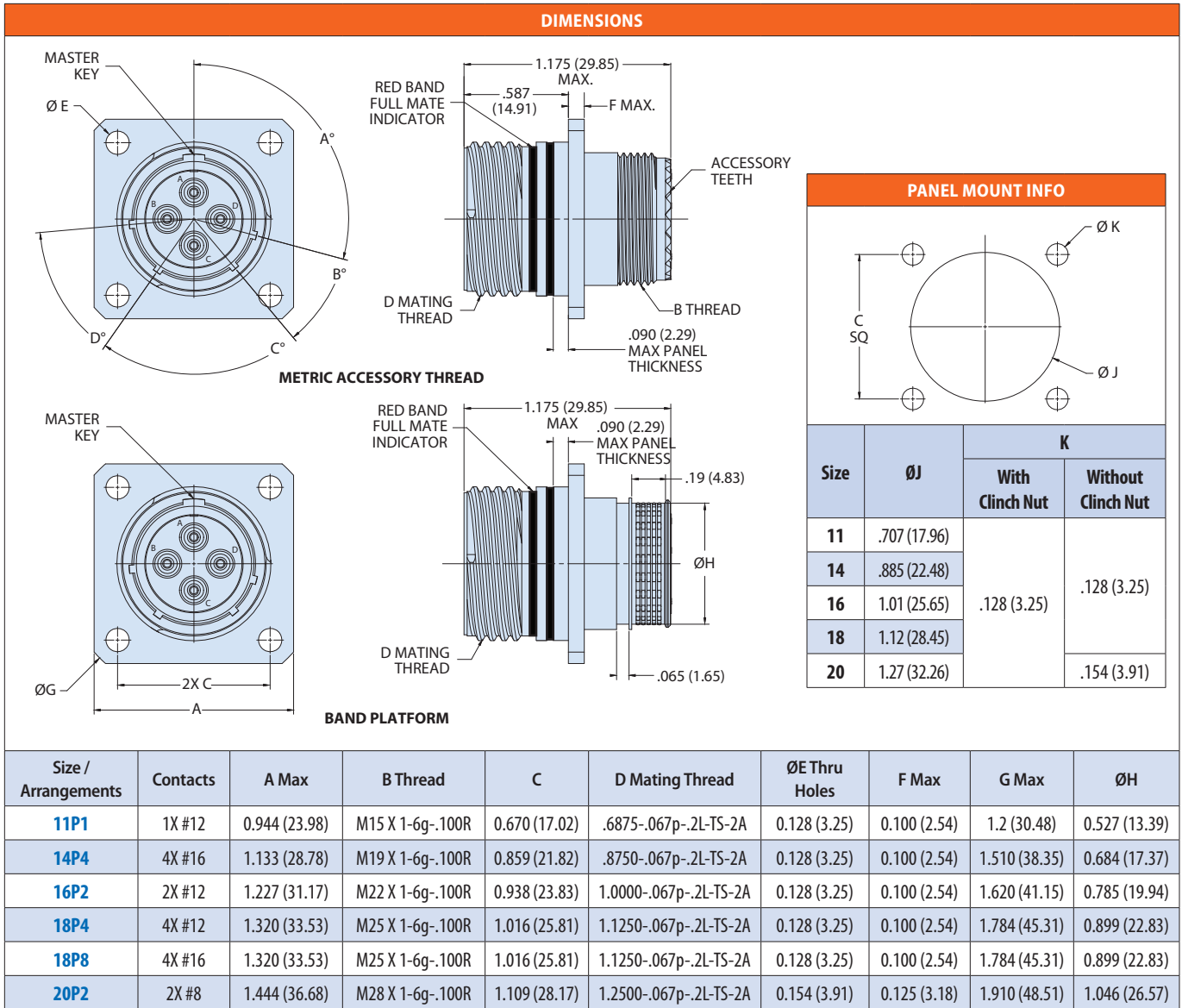
- Blue color band indicates rear release retention system.
- See Series 806 catalog for contact termination tools.
- 14P4 socket insert arrangement shown for reference only, see Dimensions table for available arrangements.
- This receptacle connector mates with power plug connector 806-091 with same polarization and opposite contact gender.
- "P" & "S" contact types supplied with standard crimp contacts. "H" contact type supplied with special Crown Ring power socket contacts (REF: 850-305). Note: "H" contact type not available for size #8 or #22HD contact arrangements.
- Terminate shield with Glenair BandMaster ATS tool 601-108 and Glenair nanoband.
- Groove for use with overmold strain relief or 809-060 heat shrink boots.
- #22HD interlock contacts are last to mate and first to break.

HOW TO ORDER	
<b>Sample Part Number</b>	806-092 -ME 14P4 S M T A
<b>Basic Part Number</b>	Series 806 Mil-Aero, PowerPlay Square-Flange Receptacle
<b>Material and Finish</b>	NF = Aluminum Alloy, O.D. Cad Over Electroless Nickel MT = Aluminum Alloy, Nickel-PTFE ME = Aluminum Alloy, Electroless Nickel ZR = Aluminum Alloy, Black Zinc-Nickel TZ = Aluminum Alloy, Tin Zinc Z1 = Stainless Steel, Passivated ZL = Stainless Steel, Electro-Deposited Nickel
<b>Shell Size / Insert Arrangement</b>	See Shell Insert/Contact Arrangements Table
<b>Contact Type</b>	<b>Standard Contacts</b> <b>Power Contacts</b> P = Pin    S = Socket      H = Power socket <b>Less Contacts</b> A = Pin type, less contacts    B = Socket type, less contacts
<b>Shell Style</b>	M = Metric (accessory thread) B = Band platform (for attaching cable shield)
<b>Panel Mounting Hole Style</b>	T = Thru hole      C = Clinch nut, 4-40 thd, M45938/6-4c (for rear panel mounting)
<b>Polarization Key Code Way</b>	A, B, C, D, E, F (See Polarization Key Code table)

SHELL INSERT / CONTACT ARRANGEMENTS (FRONT PIN ARRANGEMENT SHOWN, SOCKET ARRANGEMENT IS REVERSED)		
<b>11P1</b> 1x Size 12	<b>14P4</b> 4x Size 16	<b>16P2</b> 2x Size 12
<b>18P4</b> 4x Size 12	<b>18P8</b> 4x Size 16 4x Size 22HD (Interlock)	<b>20P2</b> 2x Size 8

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POLARIZATION KEY CODE				
Pos.	A	B	C	D
A	105°	140°	215°	265°
B	102°	170°	248°	305°
C	80°	150°	230°	295°
D	68°	140°	205°	275°
E	64°	155°	234°	304°
F	72°	120°	200°	298°

CONTACT PART NUMBERS [REF]			
Contact Size	Pin	Std Socket	Power Socket
#8	850-159	850-158	N/A
#12	850-356-12	809-113	850-305-12
#16	850-356-16	809-111	850-305-16
#22HD Interlock	850-094-1	850-095-1	N/A