

807-309

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
A	RELEASED PER DCN 25139, ADDED COPYRIGHT STATEMENT	04/01/08	ACM
B	REVISED PER DCN 32303	4/30/09	CI
C	REVISED PER DCN 33900	10/23/09	CI

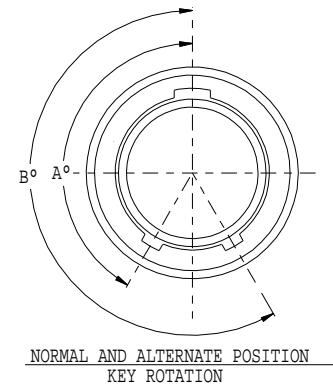
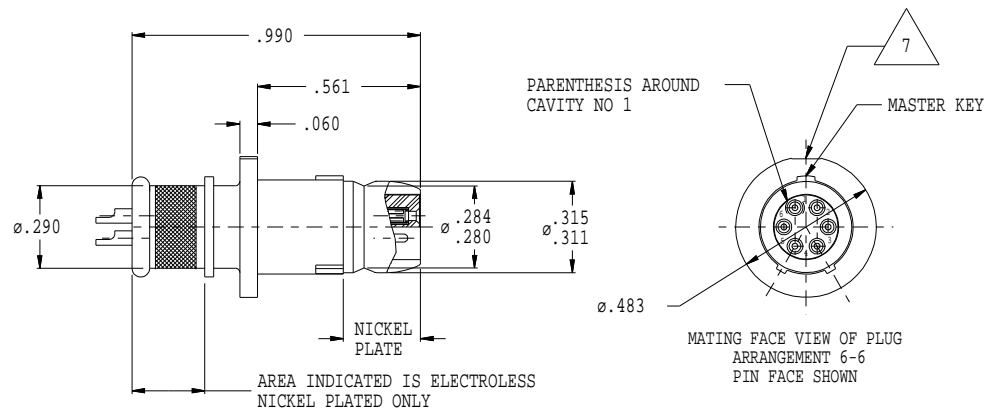


TABLE I		
ALTERNATE KEY AND KEYWAY POSITION		
POSITION	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

PART NUMBER DEVELOPMENT

EXAMPLE: 807-309 - 06 ZNU 6-6 P N

CONNECTOR SERIES

SHELL STYLE
06 = PLUG

CLASS

SHELL SIZE-INSERT ARRANGEMENT NO.

CONTACT STYLE
P = PIN, SOLDER CUP
S = SOCKET, SOLDER CUP

KEY POSITION (SEE TABLE I)

N = NORMAL
X = POSITION X
Y = POSITION Y
Z = POSITION Z

10. CONTACT PIN IN POSITION 2 IS FIRST TO MAKE/LAST TO BREAK ELECTRICAL CONTACT.

9. THE RESISTANCE FROM THE SHELL OF THE RECEPTACLE TO THE BARREL OF THE MATED PLUG SHALL BE MEASURED USING A FOUR TERMINAL MILLOHM METER.
THE MAXIMUM MEASURED RESISTANCE SHALL NOT BE GREATER THAN 2.5 MILLOHMS UNDER NORMAL OPERATING CONDITIONS.

8. THIS CONNECTOR IS ENVIRONMENTALLY SEALED TO MEET A HELIUM LEAK DETECTION LEVEL OF LESS THAN 10 ⁻⁶CC/SEC AT ONE ATMOSPHERE DELTA P.

7. RED STRIPE INDICATOR FOR ALIGNMENT DURING MATING.

6. THIS CONNECTOR MATES WITH ALL PUSH/PULL RECEPTACLES WITH SAME POLARIZATION AND OPPOSITE CONTACT GENDER (ie: 807-198, 807-216, 807-217, 807-348).

5. FOR ADDITIONAL INSERT ARRANGEMENTS CONSULT FACTORY.

4. 23 GA SOLDER CUP ACCOMMODATES 22, 24, 26 AND 28 GAGE WIRE.

3. THE CONTACTS ARE SIZE 23 SOLDER CUP AND ARE FIXED (POTTED) IN PLACE.

2. MATERIAL / FINISH:

PLUG - AL ALLOY/BLACK CHROMATE OVER ZINC NICKEL OVER ELECTROLESS NICKEL
EXCEPT EXTERNAL NOSE TO END OF DETENT GROOVE SHALL BE ELECTROLESS NICKEL PLATE ONLY.
INSULATORS - LCP/N.A.
INTERFACIAL SEAL- FLUOROSILICONE.
CONTACT- COPPER ALLOY / GOLD PLATE PER ASTM B 488, TYPE II,
CLASS 1.25 (.00005 MIN THK), OVER A SUITABLE UNDERPLATE.
POTTING COMPOUND - RTV

1. ASSEMBLY TO BE IDENTIFIED WITH GLENAIR'S NAME PART NUMBER AND DATE CODE SPACE PERMITTING.

NOTES: UNLESS OTHERWISE SPECIFIED

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UNLESS OTHERWISE SPECIFIED	DRAWN	R L	02/22/05
CHECK			
DIMENSIONS ARE IN INCHES	ENGR	GSB	02/22/05
TOLERANCES:			
FRACTIONS	± 1/16		
DECIMALS	.XX ±.030 .XXX ±.015		
ANGLES	± 1°		
DO NOT SCALE THIS DRAWING			
B/F 6479	P/C 807	NON REPARABLE COMMERCIAL ITEM	
RELEASE DATE		ORIGINAL RELEASE DATE	
APPROVED		APPROVED	
GLENAIR, INC.		CAD 1997	
1211 AIR WAY - GLENDALE - CALIFORNIA 91201			
CONNECTOR PLUG, PUSH/PULL TYPE, BANDING			
#23 CONTACTS, SOLDER CUP			
SHELL SIZE 6, 15 AND 20 LB PULL OUT			
CODE IDENT. NO.	SIZE	REV.	
06324	C	807-309	
SCALE	N/A	WEIGHT	N/A
SHEET		1 OF 1	

Mouser Electronics

Authorized Distributor

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Glenair:

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