

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

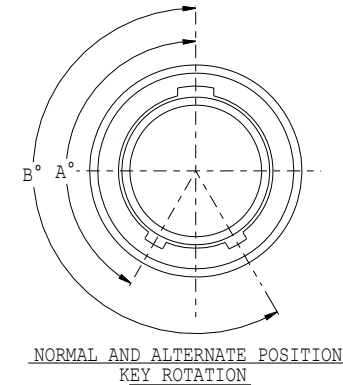
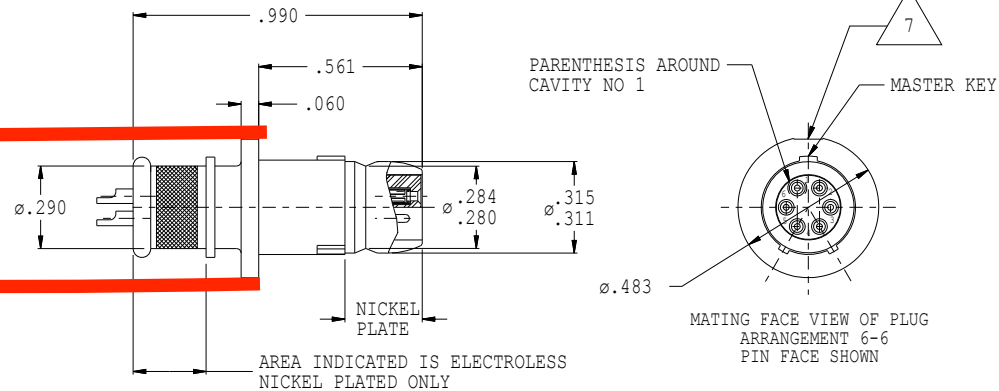


TABLE I		
ALTERNATE KEY AND KEYWAY POSITION		
POSITION	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

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^{-4} CC/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 GLENNAIR'S NAME PART NUMBER AND DATE CODE SPACE PERMITTING.

NOTES: UNLESS OTHERWISE SPECIFIED

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	CHECK		
	ENGR	GSB	02/22/05
	 APPROVED		
DO NOT SCALE THIS DRAWING			 APPROVED
B/F 6479		P/C 807	
NON REPARABLE COMMERCIAL ITEM			
GLENNAIR, 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 C	
SCALE N/A	WEIGHT N/A	SHEET 1 OF 1	