

PART NUMBER DEVELOPMENT

EXAMPLE: 804 - 010 - 06 M 6 - 7 P A

CONNECTOR SERIES

SHELL STYLE
06 = PLUG

CLASS
SEE TABLE I

SHELL SIZE / INSERT ARRANGEMENT NO.
SEE 809-099

CONTACT STYLE
P = PIN
S = SOCKET

KEY POSITION
A, B, C, D, E, F (SEE TABLE III)
OMIT CHARACTER FOR SINGLE KEY (NON-POLARIZED)

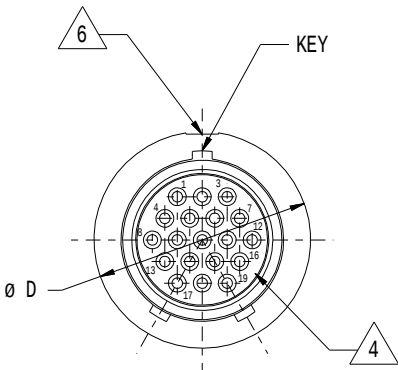
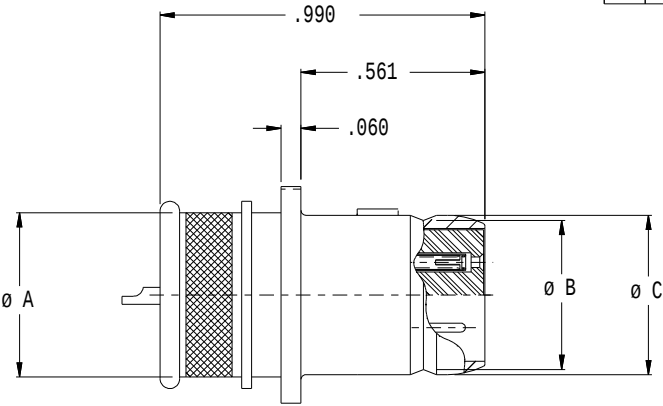


TABLE III		
ALTERNATE KEY AND KEYWAY POSITION		
POSITION	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

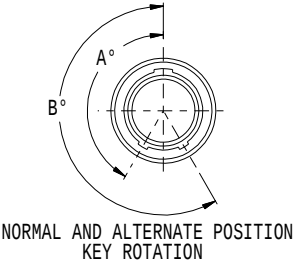


TABLE I		
CLASS	SHELL MATERIAL	FINISH DESCRIPTION
C	ALUMINUM	BLACK ANODIZE FINISH
M		ELECTROLESS NICKEL
NF		OLIVE DRAB CADMIUM OVER ELECTROLESS NICKEL FINISH
ZN		ZINC-NICKEL/O. D. OVER ELECTROLESS NICKEL
ZNU		ZINC-NICKEL/BLACK OVER ELECTROLESS NICKEL
Z1	STAINLESS STEEL	PASSIVATE
ZB		OLIVE DRAB CHROMATE OVER CADMIUM
ZC		ZINC COBALT ALLOY/BLACK CHROMATE

TABLE II				
DIMENSIONS				
SHELL SIZE	Ø A	Ø B	Ø C	Ø D, MAX
5	.246	.219	.250	.427
6	.286	.282	.313	.495
7	.390	.351	.383	.575
8	.442	.398	.429	.614
9	.500	.454	.486	.670
10	.564	.529	.563	.745
12	.650	.646	.676	.865
14	.805	.768	.800	.985
15	.850	.828	.860	1.041

7. THIS CONNECTOR IS ENVIRONMENTALLY SEALED TO MEET A HELIUM LEAK DETECTION LEVEL LESS THAN 10⁻⁶ CC/SEC AT ONE ATMOSPHERE DELTA P.
6. RED STRIPE INDICATOR FOR ALLIGNMENT DURING MATING.
5. THIS CONNECTOR, PLUG MATES WITH ALL PUSH/PULL HIGH DENSITY RECEPTACLE CONNECTORS WITH SAME POLARIZATION AND OPPOSITE CONTACT GENDER, 804-003, 804-004, 804-005, AND 804-006)
4. INSERT ARRANGEMENT SHOWN IS FOR REFERENCE ONLY, SEE 809-099.
3. THE CONTACTS ARE SIZE 23 SOLDER CUP, NON-REMOVEABLE
2. MATERIAL / FINISH:
SHELL - AL ALLOY OR CRES/SEE TABLE I.
INSULATORS - LIQUID CRYSTAL POLYMER/N.A.
INTERFACIAL SEAL/GROMET SEAL - FLUOROSILICONE.
CONTACT- COPPER ALLOY / GOLD PLATE PER ASTM B 488, TYPE II, CODE C, CLASS 1.25 (.00005 MIN THK), OVER A SUITABLE UNDERPLATE.
1. ASSEMBLY TO BE IDENTIFIED WITH GLENNAIR'S NAME PART NUMBER AND DATE CODE SPACE PERMITTING.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 DECIMALS .XX ± .030 .XXX ± .015 ANGLES ± 1°	DRAWN	JOH	7/22/05	GLENNAIR, INC. CAD 1997 © 1211 AIR WAY - GLENDALE - CALIFORNIA 91201	
	CHECK				
	ENGR	JOH	7/22/05	CONNECTOR PLUG, PUSH/PULL TYPE. WITH BANDING PLATFORM, #23 CONTACTS, SOLDER CUP CONTACTS, SHELL SIZE 5-15	
	APPROVED				
DO NOT SCALE THIS DRAWING	APPROVED			CODE IDENT. NO.	SIZE
	RELEASE DATE ORIGINAL RELEASE DATE			06324	C
B/F 5695	P/C	NON REPARABLE COMMERCIAL ITEM		SCALE N/A	WEIGHT N/A
				SHEET 1 OF 1	REV. A

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