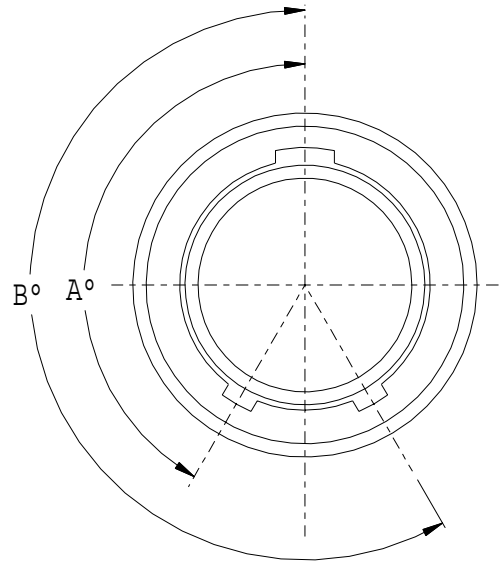


TABLE IV		
ALTERNATE KEY AND KEYWAY POSITION		
POSITION	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
	SEE SHEET 1		



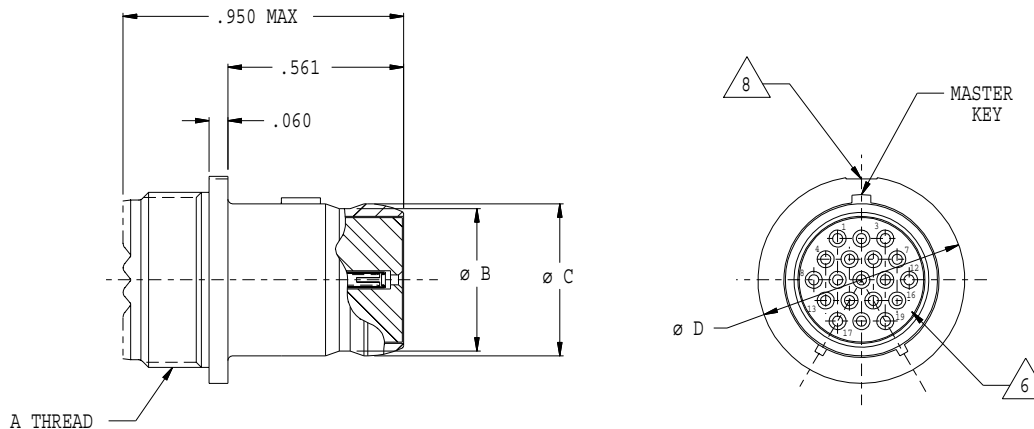
ALTERNATE POSITION
KEY ROTATION

UNLESS OTHERWISE SPECIFIED		DRAWN	R L	05/13/04	GLENAIR, INC. <small>CAD 2000</small>			
DIMENSIONS ARE IN INCHES		CHECK						
TOLERANCES:		ENGR	GSE	05/13/04				
FRACTIONS	+ 1/16	<i>D. Brown</i> APPROVED			CONNECTOR PLUG, PUSH/PULL TYPE.			
DECIMALS	.XX +.030 .XXX +.015				#23 CONTACTS, CRIMP REAR RELEASE			
ANGLES	+ 1°				SHELL SIZE 5-15			
DO NOT SCALE THIS DRAWING		RELEASE DATE	CODE IDENT. NO.	SIZE	REV.			
		ORIGINAL RELEASE DATE	06324	C	B			
B/F 04-3857	P/C 807	NON REPARABLE COMMERCIAL ITEM	SCALE N/A	WEIGHT N/A	SHEET 3 OF 3			

TABLE I

CLASS	SHELL MATERIAL	FINISH DESCRIPTION
C	ALUMINUM	BLACK ANODIZE FINISH
M		ELECTROLESS NICKEL FINISH
NF		OLIVE DRAB CADMINUM OVER ELECTROLESS NICKEL FINISH
ZN		ZINC-NICKEL/O. D. OVER ELECTROLESS NICKEL
Z1	STAINLESS STEEL	PASSIVATE

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
A	RELEASED	03/16/05	GSB
B	REVISED PER DCN 24511	08/24/05	GSB



10. FOR BACKSHELL TERMINATION, REFERENCE GLENAIR HOLDING TOOL 607-004.

9. THIS PUSH/PULL PLUG REQUIRES 10 ±4 POUNDS TO FULLY DISENGAGE CONNECTOR.

8 RED STRIPE INDICATOR FOR ALIGNMENT DURING MATING.

7. GLENAIR SERIES OF 807-191 PLUG CONNECTOR IS DESIGNED TO MATE WITH GLENAIR SERIES OF 807-192, OR 807-211 RECEPTACLE CONNECTOR.

6 INSERT ARRANGEMENT SHOWN IS FOR REFERENCE ONLY, SEE TABLE III.

5. CRIMP TOOL DATA (23 GA):

- a) CRIMP FRAME: M22520/2-01
- b) POSITIONER FOR USE WITH CRIMP FRAME: GLENAIR PART NO. 809-005.
- c) INSERTION TOOL: GLENAIR PART NO. 809-006 (METAL TWEEZERS TYPE TOOL).
- d) EXTRACTION TOOL: GLENAIR PART NO. 809-007 (METAL TWEEZERS TYPE TOOL).

4. 23 GA CRIMP BARREL ACCOMMODATES 22, 24, 26 AND 28 GAGE WIRE.

3. THE CONTACTS ARE SIZE 23 CRIMP TYPE, AND ARE USED IN A REAR RELEASE RETENTION SYSTEM. (EXCEPT FOR 9-4 ARRANGEMENT)

2. MATERIAL / FINISH:

SHELL - AL ALLOY OR CRES/SEE TABLE I.
 INSULATORS - HIGH GRADE RIGID DIELECTRIC/N.A.
 INTERFACIAL SEAL/GROMET SEAL - FLUOROSILICONE.
 CONTACT- COPPER ALLOY / GOLD PLATE PER ASTM B 488, TYPE 3,
 CLASS 1.25 (.00005 MIN THK), OVER A SUITABLE UNDERPLATE.

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

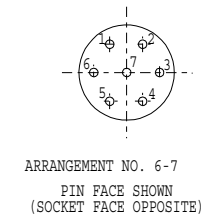
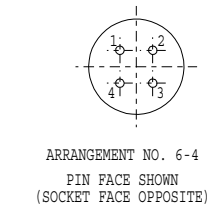
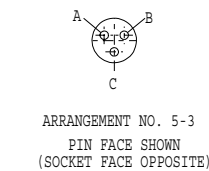
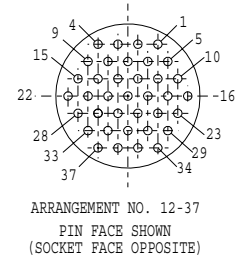
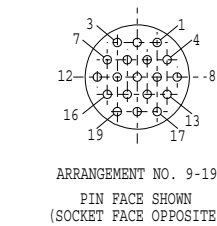
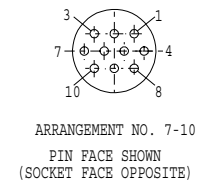
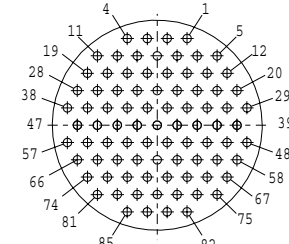
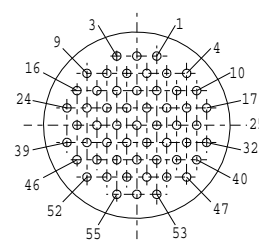
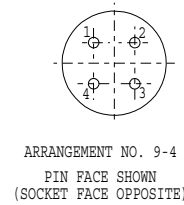
L-3 COMM APPLICATION
 NO CHANGES PERMITTED
 UNLESS APPROVED BY
 L-3 COMM

NOTES: UNLESS OTHERWISE SPECIFIED

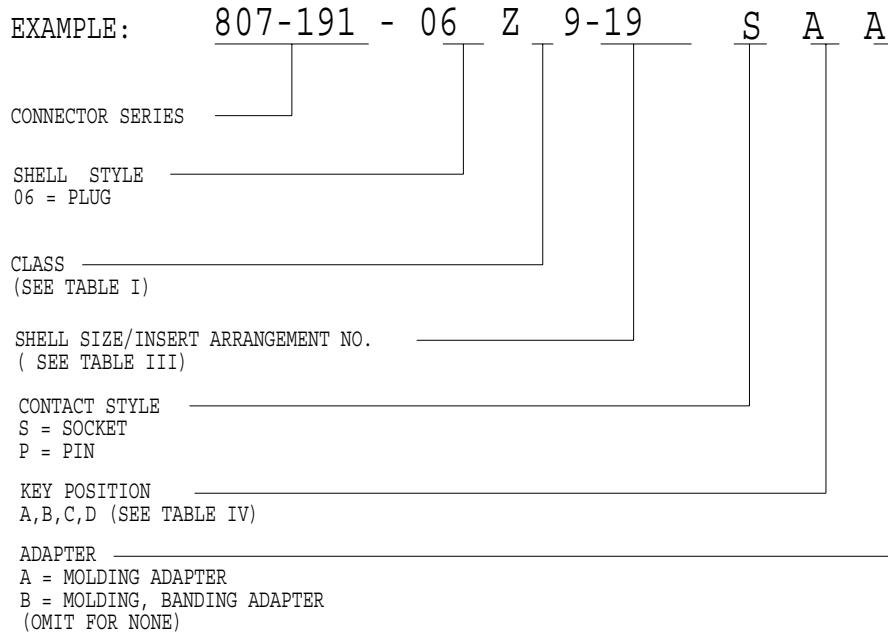
UNLESS OTHERWISE SPECIFIED		DRAWN	R L	05/13/04	GLENAIR, INC. CAD 1997	
DIMENSIONS ARE IN INCHES		CHECK				
TOLERANCES:		ENGR	JLT	05/13/04	CONNECTOR PLUG, PUSH/PULL TYPE. #23 CONTACTS, CRIMP REAR RELEASE SHELL SIZE 5-15	
FRACTIONS	± 1/16	<i>J. Brown</i> APPROVED				
DECIMALS	.XX ±.030 .XXX ±.015					
ANGLES	± 1°	APPROVED			CODE IDENT. NO.	SIZE
DO NOT SCALE THIS DRAWING		RELEASE DATE			06324	C
		ORIGINAL RELEASE DATE			807-191	REV.
B/F	04-3857	P/C	807	NON REPARABLE COMMERCIAL ITEM		B
SCALE	N/A	WEIGHT	N/A	SHEET		1 OF 3

TABLE II					TABLE III			
DIMENSIONS					INSERT ARRANGEMENT			
SHELL SIZE	A THREAD	ø B	ø C	ø D, MAX	SHELL SIZE	ARR NO.	CONTACT SIZE	CONTACT QTY
5	.2500-32 UNEF-2A	.220	.255	.440	5	5-3	23	3
6	.3125-32 UNEF-2A	.285	.315	.490	6	6-4	23	4
7	.4375-28 UNEF-2A	.350	.380	.570		6-7	23	7
9	.5625-24 UNEF-2A	.455	.485	.665	7	7-10	23	10
12	.6875-24 UNEF-2A	.645	.680	.860	9	9-19	23	19
14	.9375-20 UNEF-2A	.770	.800	.980		9-4	16	4
15	.9375-20 UNEF-2A	.830	.860	1.040	12	12-37	23	37
					14	14-55	23	55
					15	15-85	23	85

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
	SEE SHEET 1		



PART NUMBER DEVELOPMENT



UNLESS OTHERWISE SPECIFIED		DRAWN	R L	05/13/04	GLENAIR, INC. CAD 1997
DIMENSIONS ARE IN INCHES		CHECK			
TOLERANCES:		ENGR	GSB	05/13/04	
FRACTIONS	± 1/16	<i>D. Brown</i> APPROVED			1211 AIR WAY - GLENDALE - CALIFORNIA 91201
DECIMALS	.XX ± .010 .XXX ± .005				
ANGLES	± 1°				
DO NOT SCALE THIS DRAWING		RELEASE DATE			CONNECTOR PLUG, PUSH/PULL TYPE. #23 CONTACTS, CRIMP REAR RELEASE SHELL SIZE 5-15
B/F 04-3857	P/C 807	ORIGINAL RELEASE DATE			CODE IDENT. NO. 06324
NON REPARABLE COMMERCIAL ITEM		SCALE	N/A	WEIGHT	N/A
		SIZE	C	807-191	REV. B
		SHEET	2 OF 3		