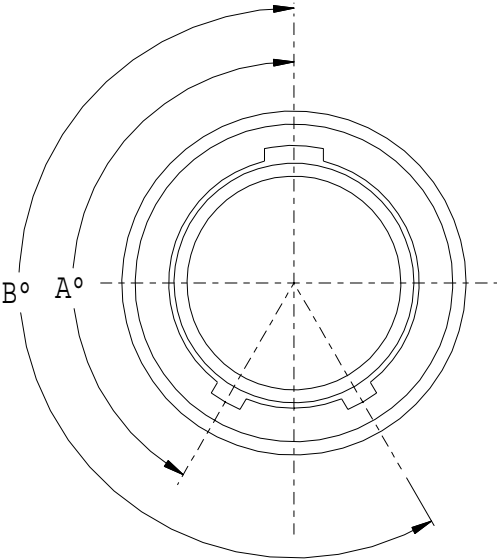


TABLE IV		
ALTERNATE KEY AND KEYWAY POSITION		
POSITION	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
	SEE SHEET 1		



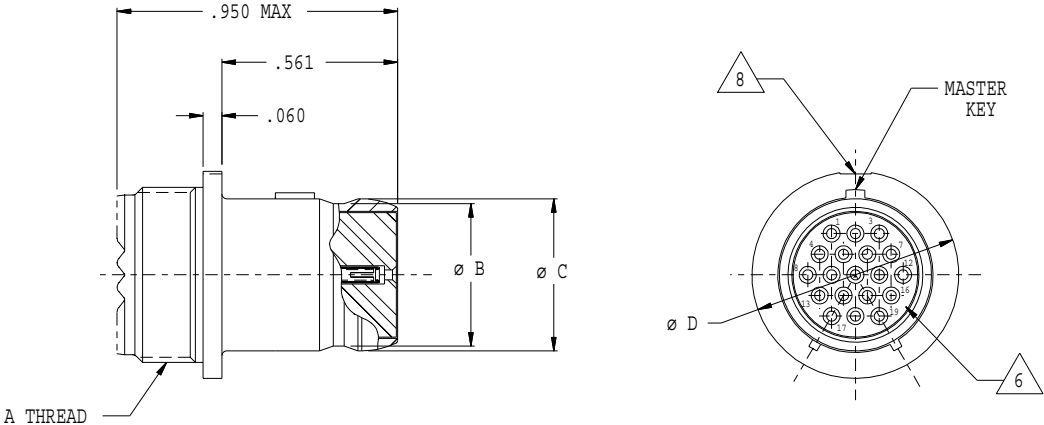
ALTERNATE POSITION
KEY ROTATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 DECIMALS .XX ± .030 .XXX ± .015 ANGLES ± 1° DO NOT SCALE THIS DRAWING	DRAWN R L		05/13/04		GLENAIR, INC. 1211 AIR WAY - GLENDALE - CALIFORNIA 91201			CAD 2000		
	CHECK									
	ENGR GSB		05/13/04		CONNECTOR PLUG, PUSH/PULL TYPE. #23 CONTACTS, CRIMP REAR RELEASE SHELL SIZE 5-15					
	<i>D. Brown</i> APPROVED									
	APPROVED				CODE IDENT. NO.		SIZE	807-191		REV.
					06324		C			B
RELEASE DATE				ORIGINAL RELEASE DATE						

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 $\pm$ 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.

NOTES: UNLESS OTHERWISE SPECIFIED

L-3 COMM APPLICATION

NO CHANGES PERMITTED
UNLESS APPROVED BY
L-3 COMM

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 DECIMALS .XX ±.030 .XXX ±.015 ANGLES ± 1° DO NOT SCALE THIS DRAWING	DRAWN R L		05/13/04		GLENAIR, INC. 1211 AIR WAY - GLENDALE - CALIFORNIA 91201						
	CHECK										
	ENGR JLT		05/13/04		CONNECTOR PLUG, PUSH/PULL TYPE. #23 CONTACTS, CRIMP REAR RELEASE SHELL SIZE 5-15						
	<i>D. Brown</i> APPROVED										
	 APPROVED										
	RELEASE DATE		CODE IDENT. NO.		SIZE	807-191		REV. B			
ORIGINAL RELEASE DATE		06324		C							
B/F	04-3857	P/C	807	NON REPARABLE COMMERCIAL ITEM		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

PART NUMBER DEVELOPMENT

EXAMPLE: 807-191 - 06 Z 9-19 S A A

CONNECTOR SERIES

SHELL STYLE
06 = PLUG

CLASS
(SEE TABLE I)

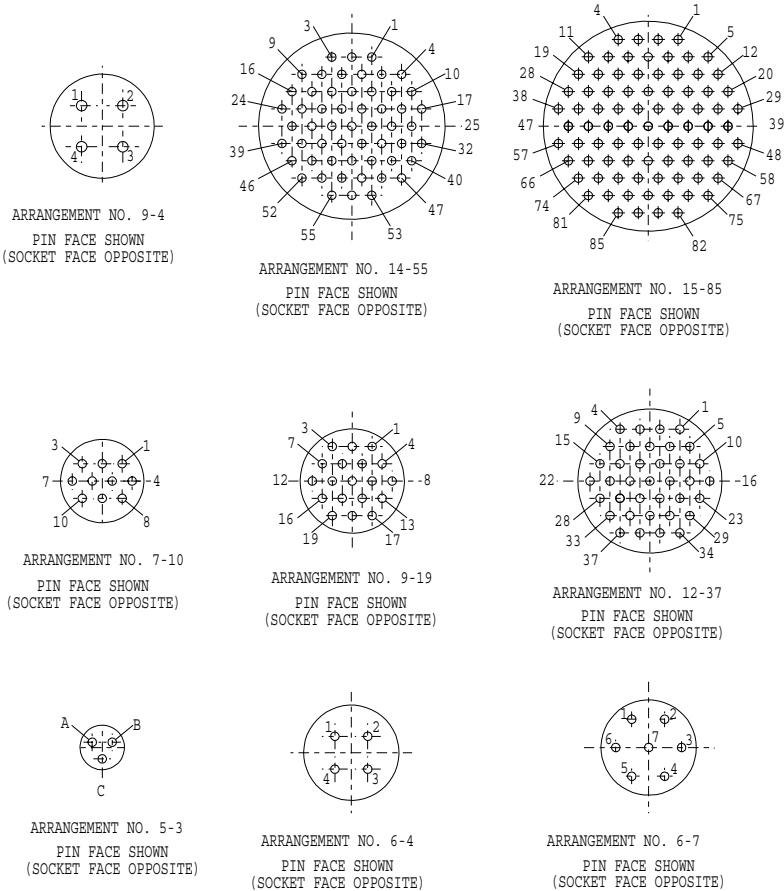
SHELL SIZE/INSERT ARRANGEMENT NO.
(SEE TABLE III)

CONTACT STYLE
S = SOCKET
P = PIN

KEY POSITION
A,B,C,D (SEE TABLE IV)

ADAPTER
A = MOLDING ADAPTER
B = MOLDING, BANDING ADAPTER
(OMIT FOR NONE)

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
	SEE SHEET 1		



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

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