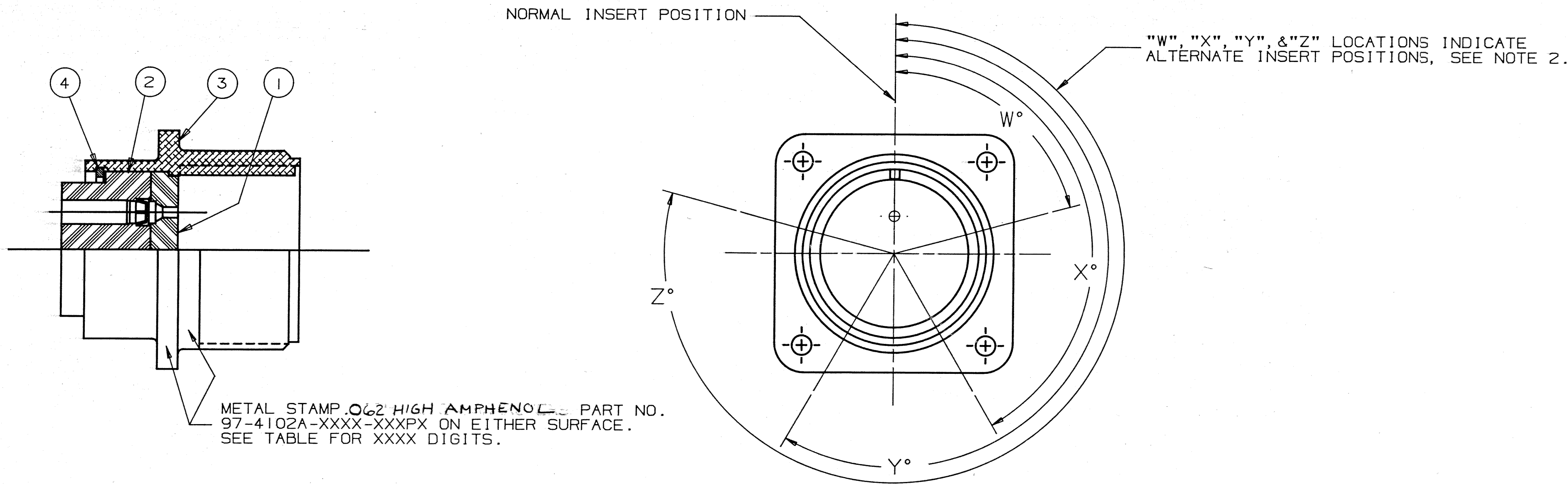


NOTICE—These drawings, specifications, or other data (1) are, and remain the property of Allied Corporation (2) must be returned upon request; and (3) are confidential and are not to be disclosed to any person other than those to whom they are given by Allied Corporation. The furnishing of these drawings, specifications, or other data by Allied Corporation, or by any other person, to anyone for any purpose is not to be regarded by implication or otherwise as in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications or other data.



REVISIONS			
SYM	ZONE	DESCRIPTION	DATE
J		REDRAWN, NO CHANGES (WAS 2 SHT'S)	5-20-86
K		BOO DOCUMENT NOS. INCORPORATED CHANGED FSCM NO. TO 77820 ECN: 75005-342	9 23 87
L		CHANGE BLOCK CHANGE ONLY: WAS SHELL 10-61703-XXI (NO SLOT) ECN: 89758	7/1/04 JES

AMPHENOL PART NO.	SHELL SIZE	INSERT CONFIG.	ITEM 1	ITEM 2	ITEM 3	ITEM 4	BENDIX NO.	ITEM 6	ITEM 7	ITEM 8	ALTERNATE INSERT POSITIONS			
			PIN INSERT REQ'D.	RENTION DISC I REQ'D.	RECEPTACLE SHELL I REQ'D.	RETAINING RING I REQ'D.					W°	X°	Y°	Z°
97-4102A-10SL-3PX	10SL	-3	97-410SL-3PF	97-410SL-3PR	97-80-10SL-2 (639)	97-94-10SL	10-824042-3()				---	---	---	---
97-4102A-10SL-4PX	10SL	-4	97-410SL-4PF	97-410SL-4PR	97-80-10SL-2 (639)	97-94-10SL	042-4				---	---	---	---
97-4102A-12S-3PX	12S	-3	97-412S-3PF	97-412S-3PR	97-80-12S (639)	97-94-12	043-3				70°	145°	215°	290°
97-4102A-14S-1PX	14S	-1	97-414S-1PF	97-414S-1PR	97-80-14S (639)	97-94-14	046-1				---	---	---	---
97-4102A-14S-2PX	14S	-2	97-414S-2PF	97-414S-2PR	97-80-14S (639)	97-94-14	046-2				---	120°	240°	---
97-4102A-14S-5PX	14S	-5	97-414S-5PF	97-414S-5PR	97-80-14S (639)	97-94-14	046-5				---	110°	---	---
97-4102A-14S-7PX	14S	-7	97-414S-7PF	97-414S-7PR	97-80-14S (639)	97-94-14	046-7				90°	180°	270°	---
97-4102A-16S-1PX	16S	-1	97-416S-1PF	97-416S-1PR	97-80-16S (639)	97-94-16	048-1				80°	---	---	280°
97-4102A-16S-8PX	16S	-8	97-416S-8PF	97-416S-8PR	97-80-16S (639)	97-94-16	048-8				---	170°	265°	---
97-4102A-18-1PX	18	-1	97-418-1PF	97-418-1PR	97-80-18 (639)	97-94-18	050-1				70°	145°	215°	290°
97-4102A-18-4PX	18	-4	97-418-4PF	97-418-4PR	97-80-18 (639)	97-94-18	050-4				35°	110°	250°	325°
97-4102A-18-11PX	18	-11	97-418-11PF	97-418-11PR	97-80-18 (639)	97-94-18	050-11				---	170°	265°	---
97-4102A-18-12PX	18	-12	97-418-12PF	97-418-12PR	97-80-18 (639)	97-94-18	050-12				80°	---	---	280°
97-4102A-18-19PX	18	-19	97-418-19PF	97-418-19PR	97-80-18 (639)	97-94-18	050-19				---	120°	240°	---
97-4102A-18-20PX	18	-20	97-418-20PF	97-418-20PR	97-80-18 (639)	97-94-18	050-20				90°	180°	270°	---
97-4102A-20-4PX	20	-4	97-420-4PF	97-420-4PR	97-80-20 (639)	97-94-20	051-4				45°	110°	250°	---
97-4102A-20-7PX	20	-7	97-420-7PF	97-420-7PR	97-80-20 (639)	97-94-20	051-7				80°	110°	250°	280°
97-4102A-20-27PX	20	-27	97-420-27PF	97-420-27PR	97-80-20 (639)	97-94-20	051-27				35°	110°	250°	325°
97-4102A-22-14PX	22	-14	97-422-14PF	97-422-14PR	97-80-22 (639)	97-94-22	052-14				80°	110°	250°	280°
97-4102A-24-2PX	24	-2	97-424-2PF	97-424-2PR	97-80-24 (639)	97-94-24	053-2				80°	---	---	280°
97-4102A-28-9PX	28	-9	97-428-9PF	97-428-9PR	97-80-28 (639)	97-94-28	054-9				80°	110°	250°	280°
97-4102A-28-11PX	28	-11	97-428-11PF	97-428-11PR	97-80-28 (639)	97-94-28	054-11				80°	110°	250°	280°
97-4102A-28-12PX	28	-12	97-428-12PF	97-428-12PR	97-80-28 (639)	97-94-28	054-12				90°	180°	270°	---
97-4102A-28-20PX	28	-20	97-428-20PF	97-428-20PR	97-80-28 (639)	97-94-28	054-20				80°	110°	250°	280°
97-4102A-28-21PX	28	-21	97-428-21PF	97-428-21PR	97-80-28 (639)	97-94-28	054-21				80°	110°	250°	280°
97-4102A-32-8PX	32	-8	97-432-8PF	97-432-8PR	97-80-32 (639)	97-94-32	055-8				80°	125°	235°	280°
97-4102A-32-414PX	32	-414	97-432-414PF	97-432-414PR	97-80-32 (639)	97-94-32	055-AC				80°	110°	250°	280°
97-4102A-36-10PX	36	-10	97-436-10PF	97-436-10PR	97-80-36 (639)	97-94-36	056-10()				80°	125°	235°	280°

NOTES:

- METAL STAMP CONNECTOR WITH SPECIFIC CONTROL NUMBER (DATE CODE PER 9-8909).
- SUFFIX IN PART NO. INDICATES ALTERNATE INSERT POSITIONS. NO SUFFIX REQUIRED FOR NORMAL INSERT POSITION.
- PACK IN POLYCEL BAG OR EQUIVALENT AND IDENTIFY—

"AMPHENOL"
AMPHENOL PART NO.
MONTH AND YEAR MANUFACTURED
QUANTITY AND UNIT (EACH)

PART NO. BREAKDOWN

97 - 4102 A - 18 - 19 P X

SERIES

REAR RELEASE BOX RECEPTACLE

SOLID SHELL

ROTATIONS R, G, I, K, M

ALTERNATE INSERT POSITION. OMIT FOR NORMAL POSITION

PIN CONTACT

INSERT CONFIGURATION

SHELL SIZE

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES
TOLERANCES: XXXX .010,
XXX .03, XX .1, ANGLES ± 2°
OTHER STANDARDS PER 9-3800
AND BOD-D-1000.

ITEM NO.	PART OR IDENTIFYING NO.	QTY REQD.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIALS OR PARTS LIST			
DRAWN T. MAXWELL		DATE 11-28-83	ALLIED Amphenol Products Commercial & Industrial Operations Lisle, IL 60532
CHECKED W.-W.		11-28-83	
APPROVED W. KAILUS		11-28-83	
EPA/EAR A1-1536-097-957770			
ENGINEERING RELEASE			
NO. A15039		1-6-84	TITLE FLANGE MOUNT RECEPTACLE ASSEMBLY REAR RELEASE WITH PIN INSERT
INDUSTRIAL ENGRG APPD.			
FINAL ASSEMBLY	NEXT USED ON		
MATERIAL			
FINISH			
DESIGN ACTIVITY APPD.			
EXPERIMENTAL NO.			
SIZE D	FSCM NO. 77820	10-824040/059-P	REV L
SCALE 1:1	WT. EST.	ACT.	SHEET OF