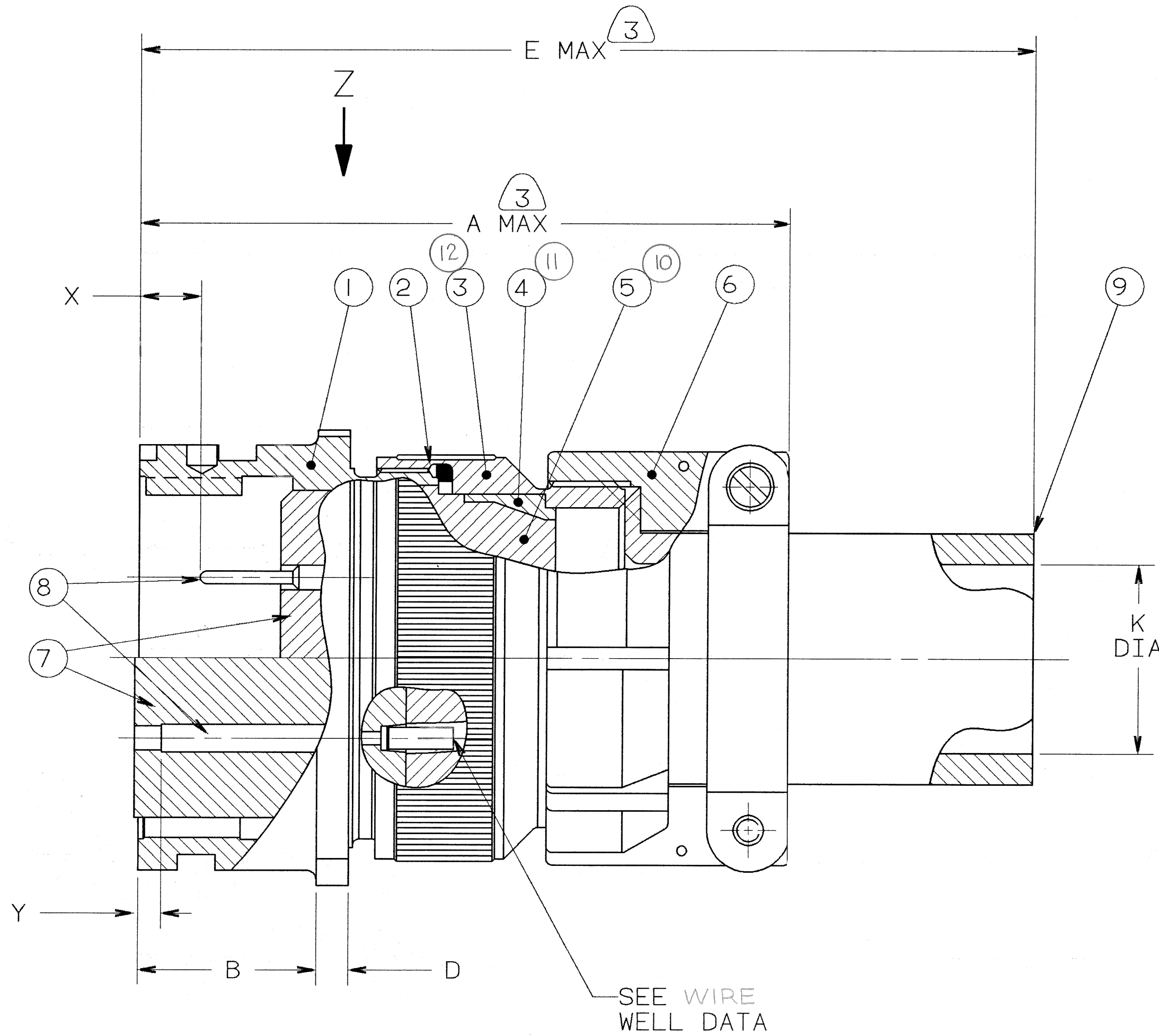
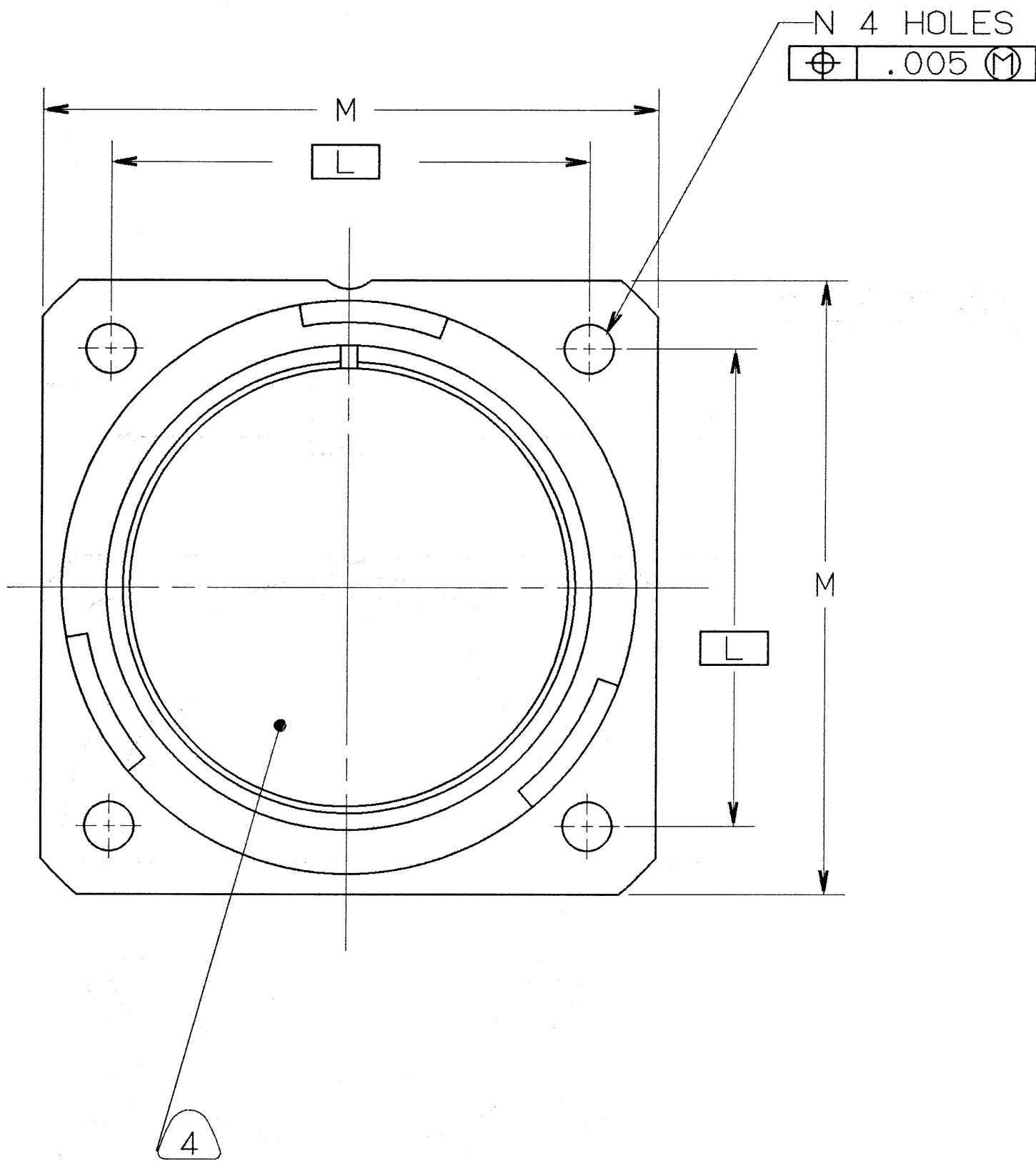


CONTACT SIZE	SHELL SIZE	X	Y ±.040
16 SHORT	10SL, 14S, 16S	.087±.039	.079
16 LONG	14, 16, THRU 40	.260 ^{±.052} _{±.041}	.102
12	14, 16, THRU 40	.118 ^{±.039} _{±.056}	.102
4,8,0	14, 16, THRU 40	.091±.039	.102

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		INITIAL RELEASE NUM: 70091-140		
B		(CL II) SEE ECN 27941	7-27-93 P. J. H. J.	
C		(CL II) SEE CHG NOTICE ECN: 28557	6-9-94 Prescott	



12	1		10-581821-XX3	ADAPTER	3,14
11	1		10-581819-XX1	SLEEVE	14
10	1		SEE COLUMN	GROMMET	13,14
9	1		SEE COLUMN	SLEEVE	
8	SEE NOTE 10			CONTACT	3
7	1		10-748XX-XXX	INSERT	
6	1		SEE COLUMN	CLAMP ASSY	
5	1		10-607XX-XX	GROMMET	15
4	1		10-564869-XX	SLEEVE	15
3	1		10-564867-XX3	ADAPTER	15,3
2	1		10-101379-XX1	GASKET	8
1	1		SEE COLUMN	SHELL	

SEE SHEET 2
NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS
REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

COMPANY ID: 2
CODED/MS/CUST: Y
INTERNAL: N
LOTNO: N
DATE CODE: 9-3895
SEE PRINT: N

N/A
N/A
NEXT ASSEMBLY

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

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
PARTS LIST					
SPECIFICATIONS			SIGNATURES		
MATERIAL SPEC. N/A			DATES		
			PREPARED		
			MCELLIGOTT		
			4/24/91		
			CHECKED		
			4/22/91		
			MATERIAL		
			APPROVED		
			4/22/91		
			APPROVED		
			5-3-91		
			1ST PART NO.		
			71-581453-215		
PROCESS SPEC.			SIZE		
SEE NOTE 5			FSCM NO.		
			D 77820		
			SCALE		
			NONE		
			WT.		
			REF 71-581580/599		
			SHEET 1 OF 2		

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.
CONNECTOR, ELECTRICAL RECEPTACLE,
FRONT PANEL MOUNT, REVERSE BAYONET COUPLING,
TYPE GTC030F-()-()

COMPUTER GENERATED DRAWING

000000001

TAB.

7

6

5

4

3

2

1

ASSEMBLY
NUMBER

SHELL
SIZE

GT
NUMBER

GROMMET
PART NUMBER

SHELL

CLAMP
ASSY

SLEEVE

A
MAX

B
+.016
-.000

D
±.008

E
MAX

K
MIN

L

M
±.012

N
DIA
+.004
-.000

71-581440-()
71-581441-()
71-581442-()

8S
10S
10SL

NOT AVAILABLE
NOT AVAILABLE
GTCO30F10SL-C)

10-581825-()

10-580713-113

10-824810- 4

10-824802- 4

2.520

.717

.110

4.878

.218

.717

1.000

.126

71-581443-()
71-581444-()
71-581445-()

12S
12
14S

NOT AVAILABLE
NOT AVAILABLE
GTCO30F14S-C)

10-581827-()

10-580713-143

10-824810- 7

10-824802- 6

2.598

.717

.126

4.878

.310

.906

1.181

.126

71-581446-()
71-581447-()
71-581448-()

14
16S
16

NOT AVAILABLE
GTCO30F16S-C)
GTCO30F16-C)

10-581829-()
10-581830-()

10-580713-163
10-580713-173

10-824810- 8
10-824810- 8

10-824802- 8
10-824802- 8

2.914
2.854

.717
.846

.126
.126

4.878
5.019

.435
.435

.969
.969

1.280
1.280

.126
.126

71-581449-()
71-581450-()
71-581451-()

18
20
22

GTCO30F18-C)
GTCO30F20-C)
GTCO30F22-C)

10-581831-()
10-581832-()
10-581833-()

10-580713-183
10-580713-203
10-580713-223

10-824810-10
10-824810-12
10-824810-12

10-824802-10
10-824802-12
10-824802-12

3.190
3.190
3.190

.907
.907
.907

.157

5.080
5.080
5.080

.560
.623
.623

1.063
1.157
1.252

1.378
1.496
1.614

.126
.126
.126

71-581452-()
71-581453-()
71-581454-()

24
28
32

GTCO30F24-C)
GTCO30F28-C)
GTCO30F32-C)

10-581834-()
10-581835-()
10-581836-()

10-580713-243
10-580713-283
10-580713-323

10-824810-16
10-824810-16
10-824810-20

10-824802-16
10-824802-16
10-824802-20

3.442
3.482
3.419

.907
.947
.947

5.017
5.057
4.994

.748
.748
.935

1.374
1.563
1.752

1.752
2.000
2.244

.146
.146
.169

71-581455-()
71-581456-()
71-581457/459

36
40
40

GTCO30F36-C)
GTCO30F40-C)
NOT AVAILABLE

10-581837-()
NOT AVAILABLE

10-580713-363

10-824810-24

10-824802-24

4.206

.947

5.388

1.248

1.937

2.500

.169

TO COMPLETE, ADD APPLICABLE INSERT
ARRANGEMENT SUFFIX PER 9-2437

SEE NOTE 13

WIRE WELL DATA					
CONTACT SIZE	0	4	8	12	16
WELL DIA	.453±.005	.281+.005 -.004	.179+.004 -.002	.098+.004 -.001	.063+.004 -.001
WELL DEPTH	+.031 -.000	.592	.500	.500	.250

BLACK INK STAMP PER 9-3856-5
"BENDIX", GT NUMBER (SEE COLUMN)
& DATE CODE (9-3895).
CHARACTERS TO BE .094-.125 HIGH.
AND LOCATED APPROX AS SHOWN
EXAMPLE:
BENDIX GTCO30F24-12P 9152

BENDIX GTCO30F24-12P 9152

VIEW AT Z

7.

FOR MATING CONNECTOR ASSEMBLIES, SEE
71-580450/469 & OTHERS.

6.

SEE WORK ORDER FOR PERMISSIBLE
ADDITIONAL OR ALTERNATE STAMPING.

5.

PROCESS SPEC:
ASSY 9-9238
TEST 9-3106-18
9-3856-5, 9-3895, 9-2437, 9-1936

4.

INSERTS ARE NOT REMOVABLE.

3.

DRAWING ILLUSTRATES FINAL ASSEMBLY.
FOR STORAGE & SHIPPING, ADAPTER, CLAMP
AND SLEEVE MUST BE LOOSELY COUPLED.

2.

FOR CONTACT SIZE, SPACING & SERVICE RATING,
SEE MIL-STD-1651 OR L-111908-()/L-111948-().

1.

UNITS MEET THE APPLICABLE
REQUIREMENTS OF MIL-C-5015.

15.

INDICATED ITEMS, (F/N'S 3, 4 & 5) ARE APPLICABLE TO
CONNECTORS CONTAINING CONTACT ARRANGEMENTS
OTHER THAN THOSE SPECIFIED IN NOTE 14.

14.

INDICATED ITEMS, (F/N'S 10, 11 & 12) ARE APPLICABLE TO
CONNECTORS CONTAINING CONTACT ARRANGEMENTS
WITH SIZE 4 & 8 SIZE CONTACTS.

13.

TO COMPLETE INDICATED GROMMET PART NO.
ADD APPLICABLE ARRANGEMENT SUFFIX.

12.

CONTACTS ARE SHIPPED UNASSEMBLED.

11.

FOR FINAL INSTALLATION, CONTACTS MUST BE
ASSEMBLED INTO ALL INSERT HOLES.
ALL UNUSED GROMMET HOLES MUST BE FILLED WITH
THE APPROPRIATE SIZE SEALING PLUG.

10.

PACKAGE PER PRODUCTION PROCESS SHEET.

9.

SEE SEPARATE PARTS LIST FOR COMPONENT
PART NUMBERS AND QUANTITIES.

8.

APPLY A LIGHT FILM OF LUBRICANT 9-1936 TO GASKET.

NOTES:

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4/23/91 09:09 • 90242 15:51 • PRELSE • 71-581440/459 A002

COMPUTER GENERATED DRAWING

SIZE

D

77820

71-581440/459

REV

C

SCALE

WT

REF

SHEET

2

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[211-19149P](#) [6131-216-19149P](#) [6131-259-21149P](#) [6131-259-23149P](#) [6131-265-17149P](#) [6131-265-19149P](#) [CS3100A18-1P-472](#) [CS3100A-36-](#)
[77P](#) [CS3101A-16-55P](#) [CS3102A-10SL-55P](#) [CS3102A-14S-58P](#) [CS3102A-32-17P](#) [CS3102A32-25S](#) [CS3102C18-4P-472](#)
[CS3106A10SL3S004](#) [CS3106A-18-73S](#) [CS3108A-14S-52S](#) [CS3108A-28-51S](#) [6162-233-1277](#) [6162-324-1231](#) [M243082296Z](#)
[M2884010AC1S1](#) [CT0-24-10SC](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)