

4

3

2

1

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE NUM: 70090-311		
	B	(CLII) SEE ECN 27219	4-1-93 R. H. H. H.	P. Prescott
	C	(CLII) SEE CHG NOTICE ECN: 92275	3-17-04 PRESCOTT	P.

15

14

13

12

12

11

10

9

8

7

6

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4

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2

1

10-581819-XXI

SEE COLUMN

10-590986-XX3

10-748XX-()S

10-748XX-()P

SEE NOTE 8

SEE COLUMN

SEE COLUMN

SEE COLUMN

10-564869-XX

10-607XX-()

10-564859-XX

10-564860-XX

10-564843-XXI

10-564856-XX3

SEE COLUMN

SLEEVE

GROMMET

ADAPTER

INSERT, SOCKET

INSERT, PIN

CONTACT

CABLE CLAMP

SLEEVE

ELBOW ASSEMBLY

SLEEVE

GROMMET

WASHER, WAVED

WASHER, SKID

GASKET

NUT, COUPLING

SHELL

10

10,13

10

4

4

2,3

3

12

12,13

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. =

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

N/A

N/A

NEXT ASSEMBLY

SEE SHEET 2.

NOTES:

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5

4

3

2

1

FIND NO.

QTY REQD.

FSCM NO.

PART NUMBER

DESCRIPTION

NOTE REF.

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

SEE NOTE 5

SIGNATURES

DATES

PREPARED
PRESCOTT
2/5/90

CHECKED

8-30-90

APPROVED

8-30-90

APPROVED

9-4-90

1ST PART NO.
71-580862-28P

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL PLUG, REVERSE
BAYONET COUPLING, TYPE GTC08F()-(),
SOLDERLESS

SIZE

FSCM NO.

SCALE

WT.

REF

SHEET

REV.

C

77820

NONE

71-580410/429

1

OF 3

C

71-580850/869

000000001

01653

TAB.

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4

3

2

1

ASSEMBLY
NUMBER

SHELL
SIZE

GT
NUMBER

SHELL

GROMMET

ELBOW
ASSEMBLY

CABLE
CLAMP

SLEEVE

A
DIA
MAX

B
±.005

D
MAX

F
MAX

G
MAX

H
MAX

Z
MAX

71-580850-() 8S NOT AVAILABLE

71-580851-() 10S NOT AVAILABLE

71-580852-() 10SL GTC08F10SL-() 10-580915-113 10-581825-() 10-580892-113 10-824810- 4 10-824802- 4 .897 .531 3.937 1.654 1.772 .894 .220

71-580853-() 12S NOT AVAILABLE

71-580854-() 12 NOT AVAILABLE

71-580855-() 14S GTC08F14S-() 10-37266-14 10-581827-() 10-580892-143 10-824810- 7 10-824802- 6 1.150 .531 3.937 1.654 1.850 1.083 .312

71-580856-() 14 NOT AVAILABLE

71-580857-() 16S GTC08F16S-() 10-37266-16 10-581829-() 10-580892-163 10-824810- 8 10-824802- 8 1.300 .531 3.937 1.772 1.890 1.181 .437

71-580858-() 16 GTC08F16-() 10-37266-17 10-581830-() 10-580892-173 10-824810- 8 10-824802- 8 1.300 .719 3.937 1.772 2.244 1.181 .437

71-580859-() 18 GTC08F18-() 10-37266-18 10-581831-() 10-580892-183 10-824810-10 10-824802-10 1.437 3.937 2.087 2.283 1.299 .562

71-580860-() 20 GTC08F20-() 10-37266-20 10-581832-() 10-580892-203 10-824810-12 10-824802-12 1.571 3.937 2.087 2.402 1.476 .625

71-580861-() 22 GTC08F22-() 10-37266-22 10-581833-() 10-580892-223 10-824810-12 10-824802-12 1.697 3.937 2.087 2.402 1.476 .625

71-580862-() 24 GTC08F24-() 10-37266-24 10-581834-() 10-580892-243 10-824810-16 10-824802-16 1.835 3.937 2.283 2.598 1.705 .750

71-580863-() 28 GTC08F28-() 10-37266-28 10-581835-() 10-580892-283 10-824810-16 10-824802-16 2.102 3.937 2.283 2.598 1.705 .750

71-580864-() 32 GTC08F32-() 10-37266-32 10-581836-() 10-580892-323 10-824810-20 10-824802-20 2.366 4.331 2.598 2.835 2.061 .937

71-580865-() 36 GTC08F36-() 10-37266-36 10-581837-() 10-580892-363 10-824810-24 10-824802-24 2.610 4.331 2.717 2.953 2.283 1.250

71-580866-() 40 NOT AVAILABLE

71-580867/869-() NOT AVAILABLE

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

13. TO COMPLETE GROMMET PART NO., ADD APPLICABLE
ARRANGEMENT SUFFIX.

12. INDICATED ITEMS, (F/N'S 6 & 7), ARE APPLICABLE TO CONNECTORS
CONTAINING CONTACT ARRANGEMENTS OTHER THAN THOSE
SPECIFIED IN NOTE 10.

11. INDICATED LENGTH APPLIES TO CONNECTORS WITH CONTACT
PATTERNS CONTAINING 52 4 OR 8 CONTACTS.

10. INDICATED ITEMS, (F/N'S 13, 14 & 15), ARE APPLICABLE TO CONNECTORS
CONTAINING CONTACT ARRANGEMENTS WITH SIZE 4 OR 8 CONTACTS.

9. PACKAGE PER PRODUCTION PROCESS SHEET.

8. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS
AND QUANTITIES.

7. FOR MATING CONNECTOR ASSEMBLIES, SEE 71-580960/979
AND 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

4. INSERTS ARE NOT REMOVABLE.

3. DRAWING ILLUSTRATES FINAL ASSEMBLY. FOR STORAGE AND SHIPPING
ELBOW ASSEMBLY AND CLAMP ASSEMBLY MUST BE LOOSELY COUPLED.
CONTACTS ARE SHIPPED UNASSEMBLED. FOR FINAL INSTALL-
ATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT
HOLES. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH
THE APPROPRIATE SIZE SEALING PLUG.

2. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE
MIL-STD-1651 OR L-11908-() THRU L-11948-().

1. UNIT MEETS THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

ASSEMBLY NUMBER

GI
MAX

71-580850 - ()

851 - ()

852 - ()

853 - ()

854 - ()

855 - ()

856 - ()

857 - ()

858 - ()

859 - ()

860 - ()

861 - ()

862 - ()

863 - ()

864 - ()

865 - ()

866 - ()

71-580867 / 869

CONTACT
SIZE

SHELL
SIZE

X

Y
±.040

16 SHORT 10SL, 14S, 16S .087±.039 .079

16 LONG 16 THRU 40 .260^{+.052}_{-.041} .102

12 16 THRU 40 .118^{+.039}_{-.056} .102

4, 8, 0 16 THRU 40 .091±.039 .102

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 .250

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SIZE

FSCM NO.

71-580850/869

SCALE

NONE

WT.

REF

N/A

SHEET

3

TAB.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular MIL Spec Connector](#) ***category:***

Click to view products by [Amphenol](#) ***manufacturer:***

Other Similar products are found below :

[89075GULPR](#) [0025-262-542](#) [0025-264-3014](#) [58-570121-04S](#) [0134-213-1208](#) [0134-213-2209](#) [0025-258-000](#) [60-042022-07P](#) [60-042022-19P](#)
[60-042022-23P](#) [60-042217-10P](#) [0114-201-1278](#) [012-0467-000](#) [602GB06EG24-61SN](#) [0134-201-1207](#) [0134-213-1006](#) [6104-207-2302](#) [6104-](#)
[208-1902](#) [61-168211-04P](#) [61-168617-10P](#) [6131-202-19149P](#) [6131-204-21149P](#) [6131-208-13149P](#) [6131-209-17149P](#) [6131-210-11149P](#) [6131-](#)
[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](#)