

D

C

B

A

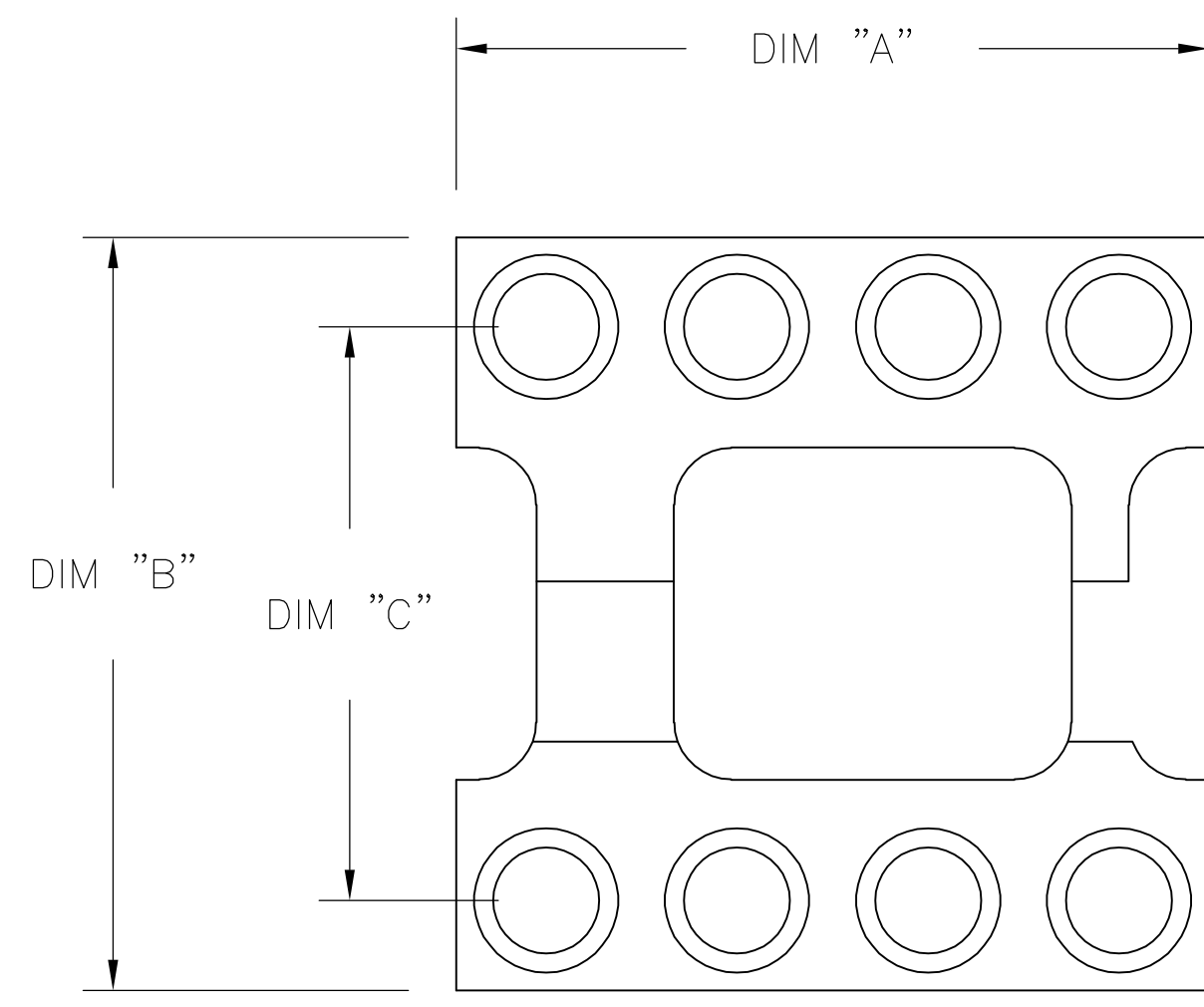


FIG. 1

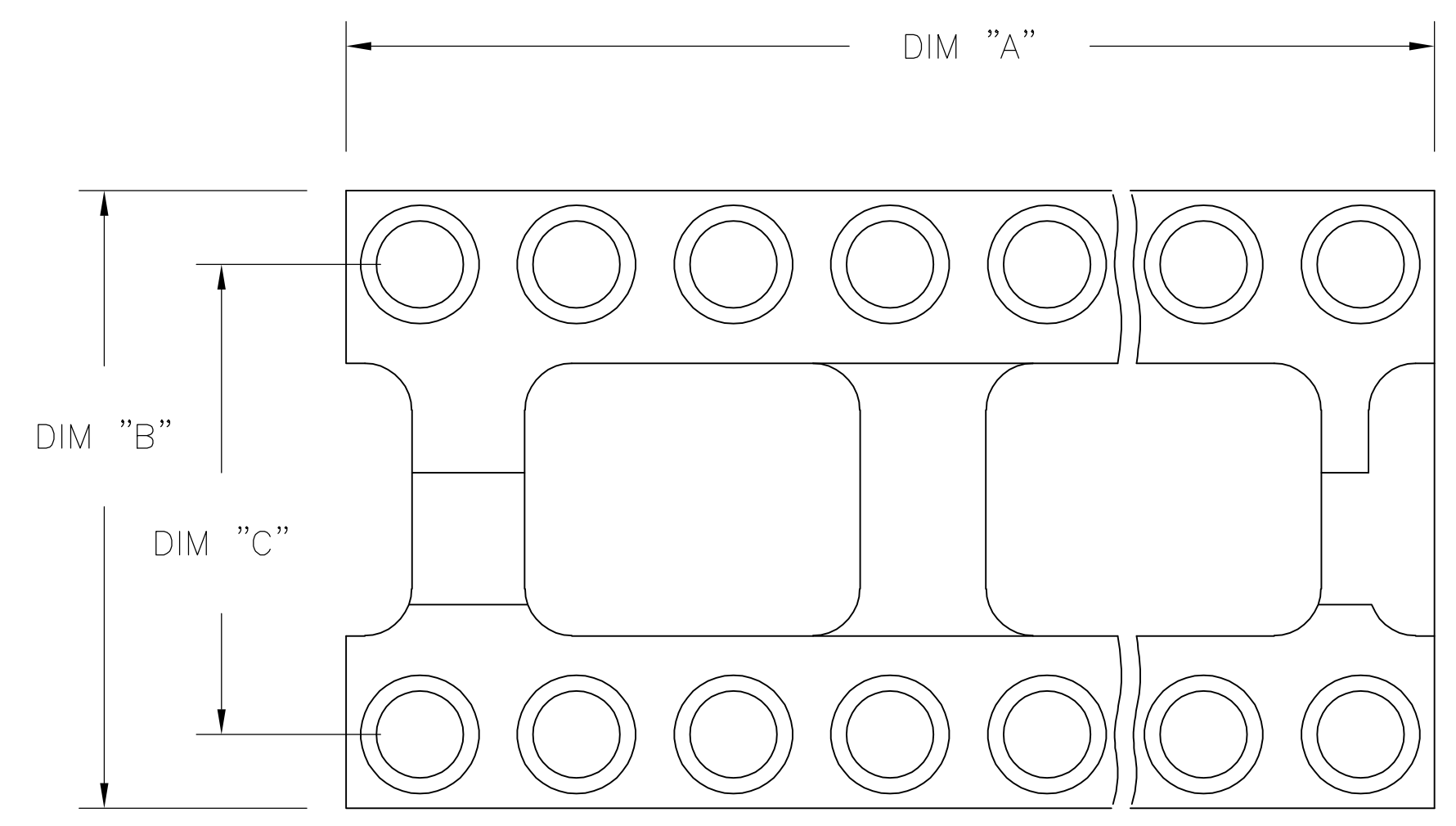


FIG. 2

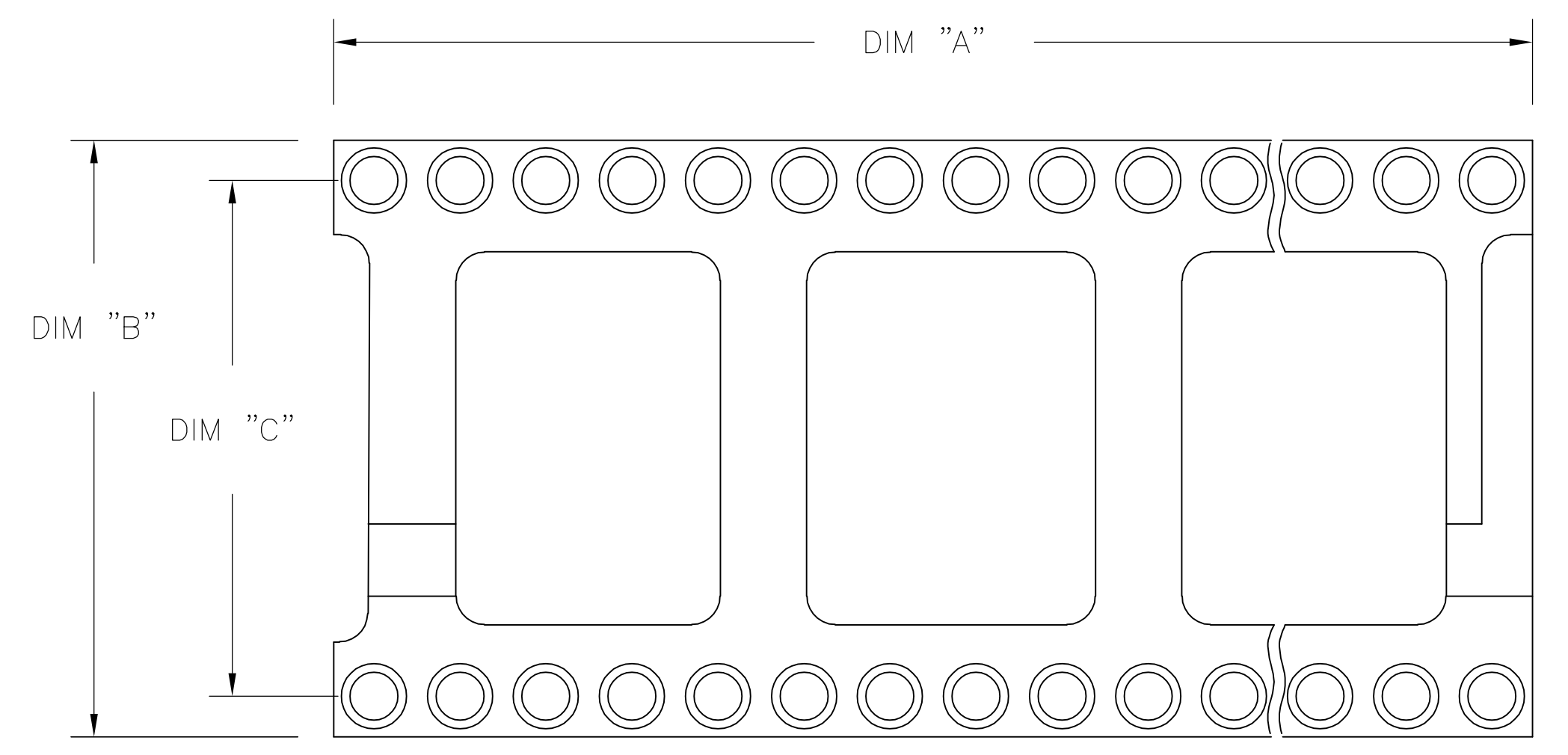
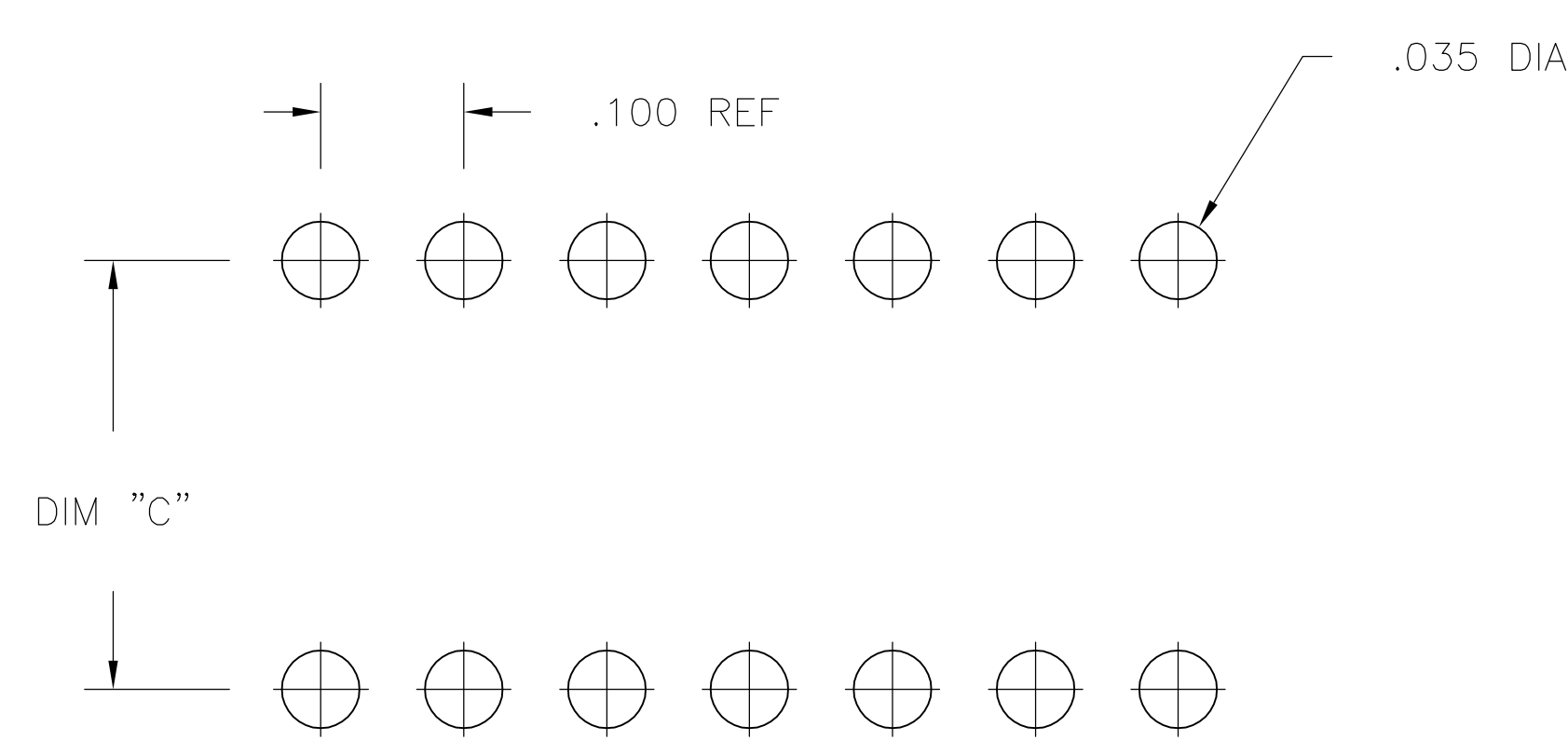
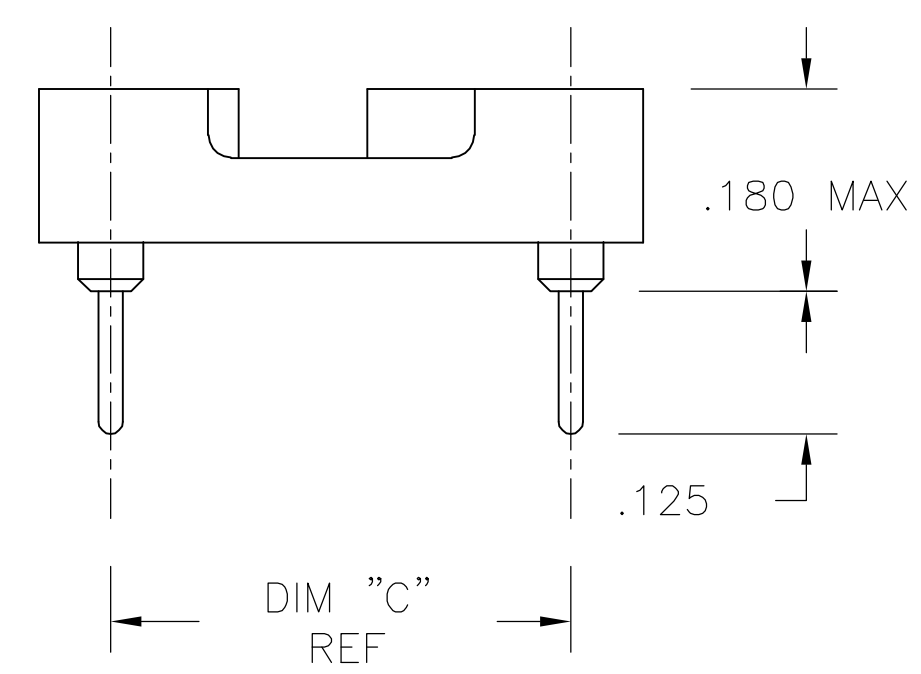
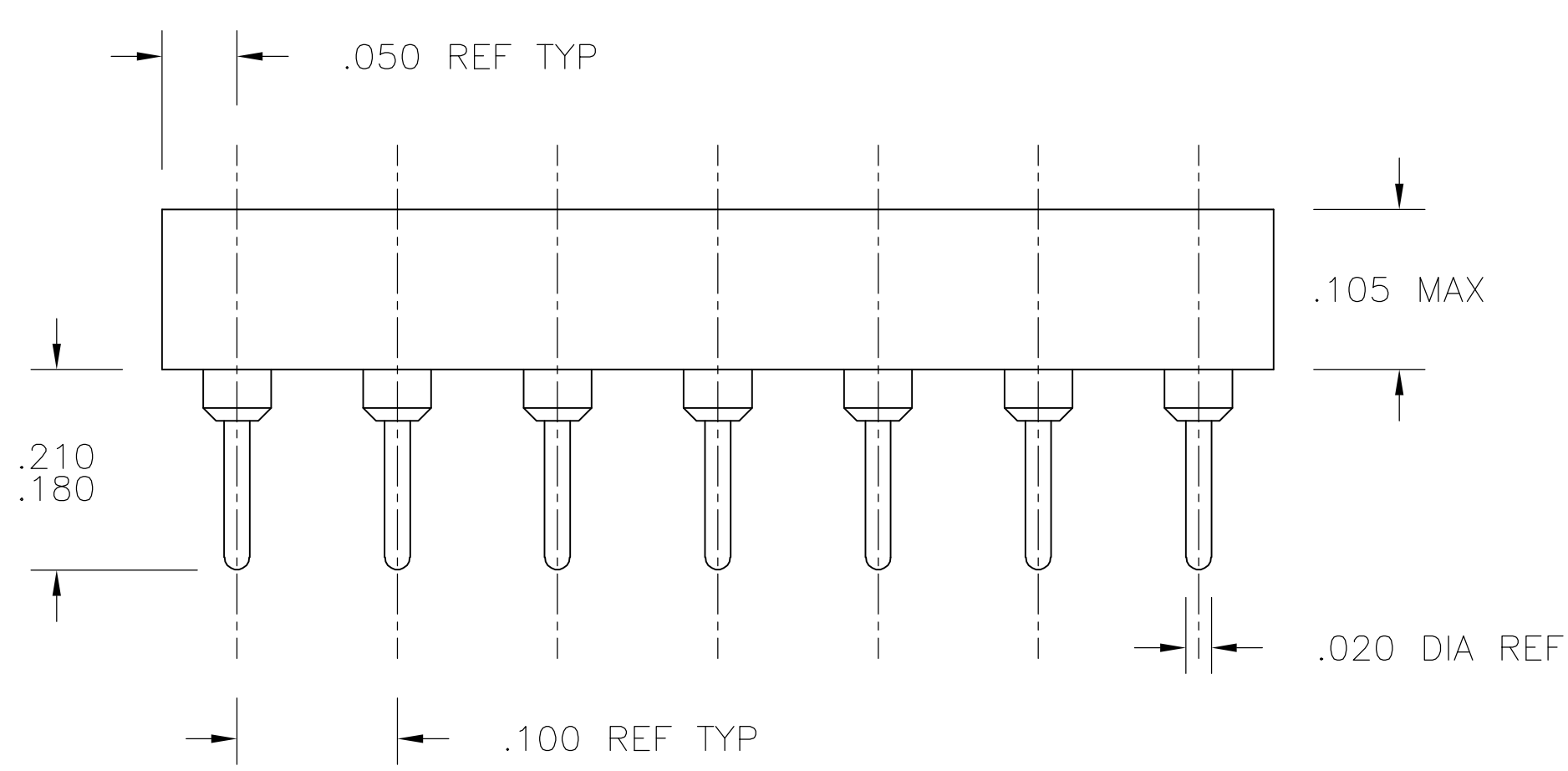


FIG. 3



P.C.B. HOLE LAYOUT
TOLERANCE $\pm .003$

- INSULATOR MATERIAL – THERMOPLASTIC POLYESTER, PCT, BLACK, UL94 V-0
- MACHINED CONTACT – BECU, PLATED WITH 80–200 μ ” TIN (LEAD FREE) OVER 75–100 μ ” COPPER.
- SLEEVE – COPPER, PLATED WITH 180–340 μ ” THK TIN (LEAD FREE) OVER 75–125 MIN NICKEL.
- MACHINED CONTACT – BECU, PLATED WITH 25 μ ” MIN. GOLD OVER 30–100 μ ” NICKEL.
- ELECTRICAL:
CONTACT RESISTANCE: 10 MILLIOHMS MAX
CONTACT RATING: 3 AMPS
CAPACITANCE: 1.0 pF PER MIL–STD–202, METHOD 305
INSULATION RESISTANCE: 5000 OHMS MIN @ 500 VDC PER MIL–STD–1344, METHOD 3003.1
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER MIL–STD–1344, METHOD 3001.1
- MECHANICAL:
INSERTION FORCE: 134 GRAMS AVG
WITHDRAWAL FORCE: 63 GRAMS AVG
”ACCEPTS IC PIN – .009”X.015” THROUGH .011”X.020”, OR .016” TO .021” DIAMETER, .150/.105 LONG”
- ENVIRONMENTAL:
OPERATING TEMPERATURE: –55°C TO –105°C

D

C

B

A

8

7

6

5

4

3

2

1

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LOC

AD

DIST

00

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—

3

4

GOLD

TIN

.400±.005

.500

1.200

2

24

3—1571586—7

3

4

GOLD

TIN

.300±.005

.400

1.200

2

24

3—1571586—6

3

4

GOLD

TIN

.900±.005

1.000

3.200

3

64

3—1571586—5

3

4

GOLD

TIN

.600±.005

.700

2.400

3

48

3—1571586—4

3

4

GOLD

TIN

.600±.005

.700

2.100

3

42

3—1571586—3

3

4

GOLD

TIN

.600±.005

.700

2.000

3

40

3—1571586—2

3

4

GOLD

TIN

.600±.005

.700

1.800

3

36

3—1571586—1

3

4

GOLD

TIN

.600±.005

.700

1.600

3

32

3—1571586—0

3

4

GOLD

TIN

.600±.005

.700

1.400

2

28

2—1571586—9

3

4

GOLD

TIN

.600±.005

.700

1.200

2

24

2—1571586—8

3

4

GOLD

TIN

.400±.005

.500

1.100

2

22

2—1571586—7

3

4

GOLD

TIN

.300±.005

.400

1.000

2

20

2—1571586—6

3

4

GOLD

TIN

.300±.005

.400

.900

2

18

2—1571586—5

3

4

GOLD

TIN

.300±.005

.400

.800

2

16

2—1571586—4

3

4

GOLD

TIN

.300±.005

.400

.700

2

14

2—1571586—3

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GOLD

TIN

.300±.005

.400

.400

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2—1571586—2

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TIN

TIN

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3.200

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1—1571586—4

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TIN

.300±.005

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.400

1

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1571586—2

FINISH

CONTACT/

SLEEVE

”C”

MAX

”B”

MAX

”A”

MAX

FIG

NO.

OF

POSN

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

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—

±.005

±

ANGLES

FINISH

—

—

DWN

T. KRAYBILL

CHK

K. WRIGHT

APVD

K. WRIGHT

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

07NOV03

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—

tyco

Electronics

Tyco Electronics Corporation

Harriaburg, Pa 17105—3608

NAME

OPEN FRAME DIP, PREMIUM (MACHINE CONTACT), LEAD FREE (REF AUGAT 800 SERIES)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

1571586

—

CUSTOMER DRAWING

SCALE

1:1

SHEET

2

OF

2

REV

B

AMP 3308—8 REV 23FEB95