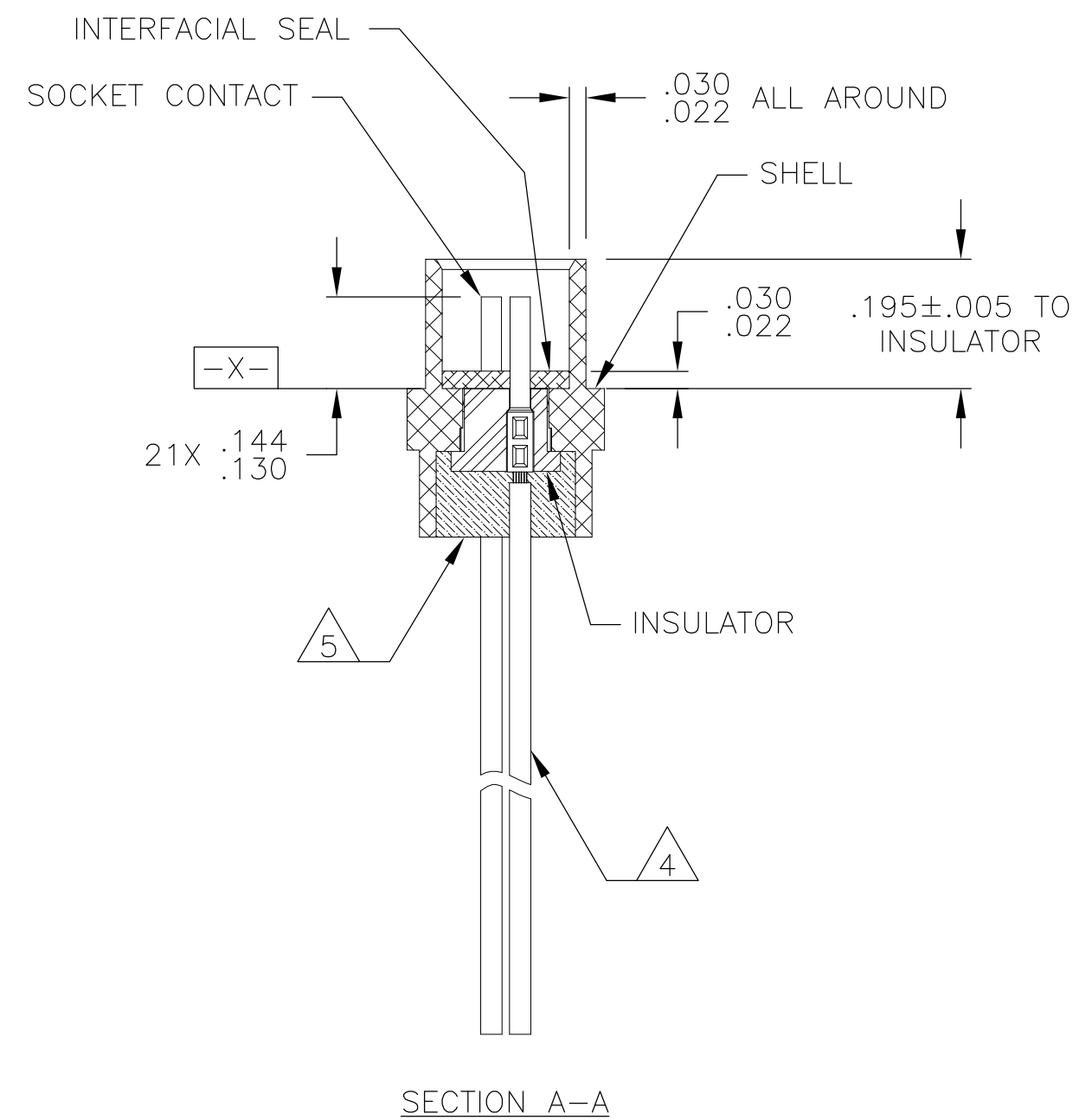
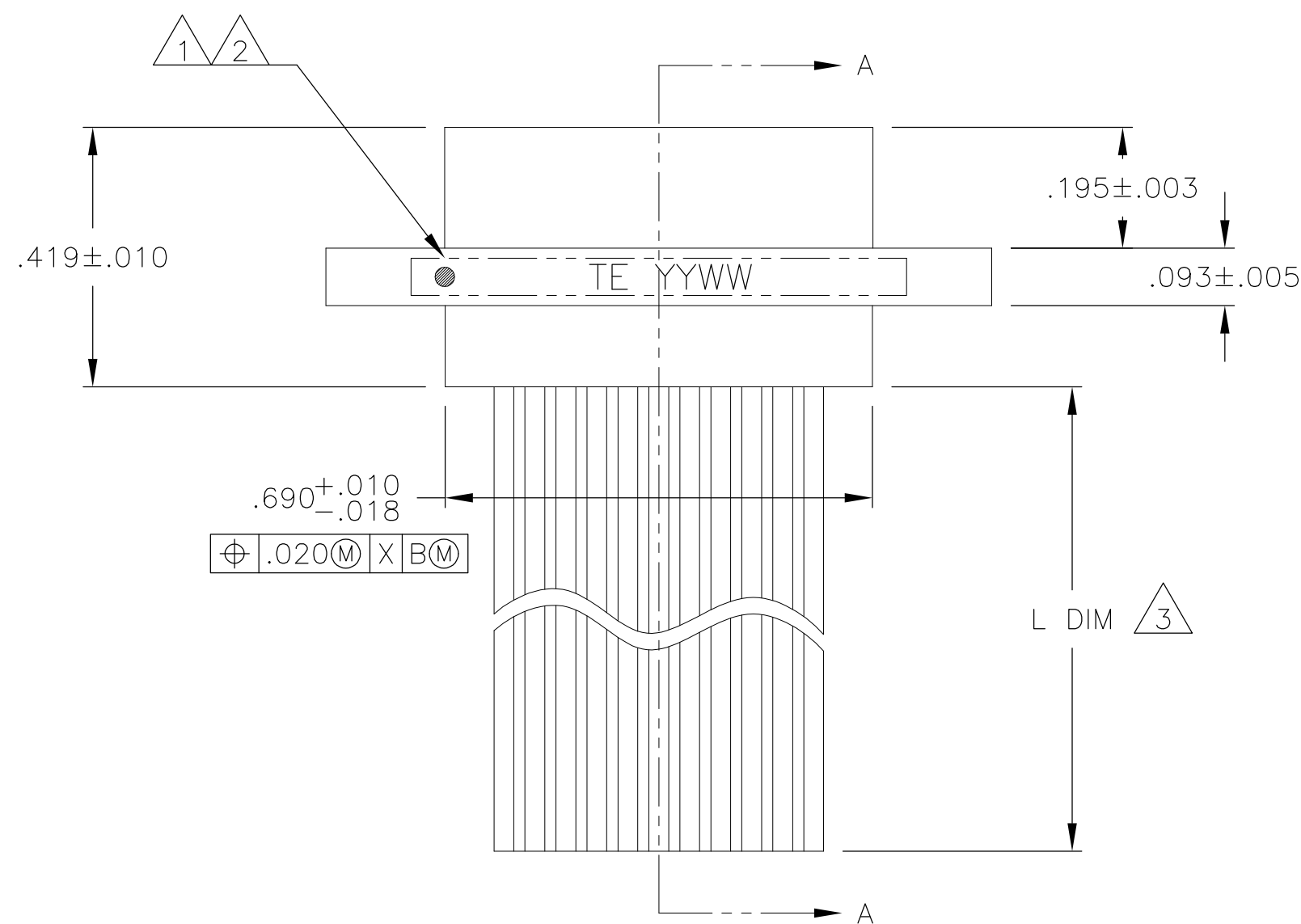
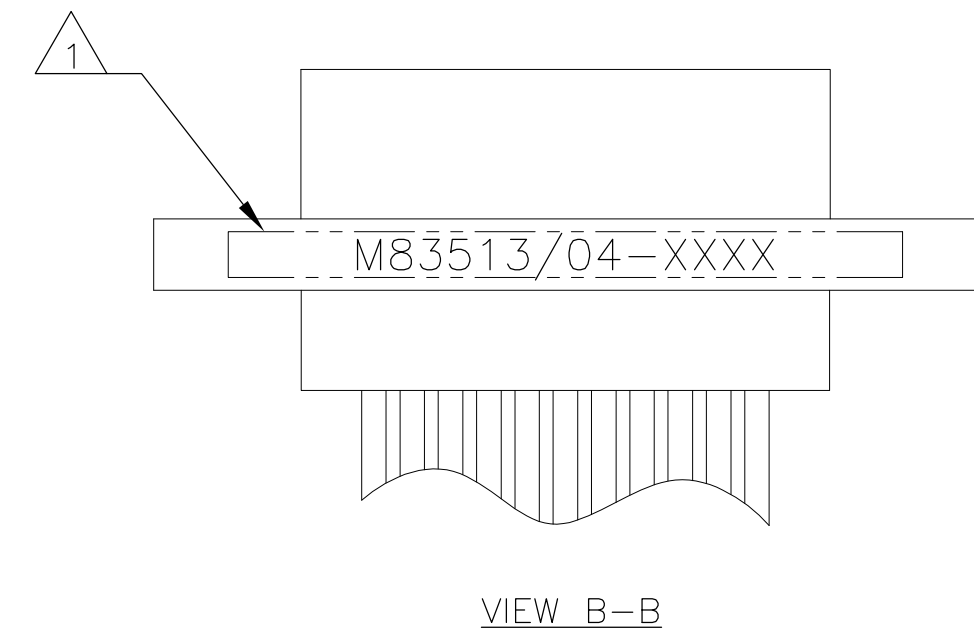
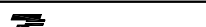




- |   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/04-XXXX TE YYWW (WHERE XXXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). FOR THE SIZE 21 RECEPTACLE, THE MARKING MUST BE PRINTED ON BOTH SIDES OF THE FLANGE. TEXT HEIGHT SHALL BE .035 INCH MINIMUM. |  |
| 2 | POSITION 1 SHALL BE INDICATED BY AN IDENTIFIABLE MARK, LOCATED APPROXIMATELY AS SHOWN ON THE POSITION 1 SIDE OF THE CONNECTOR FLANGE. THIS MARK SHALL BE INCLUDED AS PART OF THE PART MARKING INFORMATION.                                                                                                                                                                                                                             |  |
| 3 | LENGTH IS SHOWN IN THE "L DIM" COLUMN OF THE PART NUMBER TABLE. LENGTH TOLERANCE IS +1.0/-0.0 FOR INSULATED WIRE TERMINATIONS, AND +0.20/-0.00 FOR UNINSULATED WIRE TERMINATIONS                                                                                                                                                                                                                                                       |  |
| 4 | INSULATED WIRE IS SHOWN FOR REFERENCE ONLY. PART MAY BE TERMINATED WITH INSULATED OR UNINSULATED WIRE ACCORDING TO THE PART NUMBER TABLE.                                                                                                                                                                                                                                                                                              |  |
| 5 | EPOXY ENCAPSULATION. EPOXY MAY WICK .125 INCH MAX FOR INSULATED WIRE, AND .050 INCH MAX FOR UNINSULATED WIRE.                                                                                                                                                                                                                                                                                                                          |  |
| 6 | ALL DIMENSIONS AND REQUIREMENTS ARE PER MIL-DTL-83513/4                                                                                                                                                                                                                                                                                                                                                                                |  |

|                                                                                       |  |                                            |  |                                                                                                                                                    |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B. ROMANCHUK03 SEP 08               |  | <br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |  |
|                                                                                       |  | CHK<br>—                                   |  |                                                                                                                                                    |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                                                                                                               |  |
|  |  | APVD<br>M. STORRY03 SEP 08                 |  | RECEPTACLE ASSEMBLY,<br>MICRO-D PER MIL-DTL-83513/04,<br>MCKS SERIES, 21 POSITION                                                                  |  |
|                                                                                       |  | PRODUCT SPEC<br>—                          |  |                                                                                                                                                    |  |
|                                                                                       |  | APPLICATION SPEC<br>—                      |  |                                                                                                                                                    |  |
|                                                                                       |  | SIZE<br>A2                                 |  |                                                                                                                                                    |  |
| MATERIAL                                                                              |  | FINISH                                     |  | WEIGHT<br>—                                                                                                                                        |  |
| SEE NOTES                                                                             |  | —                                          |  | CUSTOMER DRAWING                                                                                                                                   |  |
|                                                                                       |  |                                            |  | SCALE 4:1 SHEET 1 of 2 REV A                                                                                                                       |  |

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

TE

PART NUMBER

3

1

L

DIM

MIL-DTL-83513

PIN

MICRODOT

P/N

MCKS DESCRIPTION

1532173-1

18

M83513/04-C01N

094-6326-0001

MCKS-N1-B-21S6G1-18.0

1532173-2

36

M83513/04-C02N

094-6326-0002

MCKS-N1-B-21S6G1-36.0

1532173-3

18

M83513/04-C03N

094-6326-0003

MCKS-N1-B-21S6G9-18.0

1532173-4

36

M83513/04-C04N

094-6326-0004

MCKS-N1-B-21S6G9-36.0

1532173-5

18

M83513/04-C09N

094-6326-0009

MCKS-N1-B-21S6Q1-18.0

1532173-6

36

M83513/04-C10N

094-6326-0010

MCKS-N1-B-21S6Q1-36.0

1532173-7

18

M83513/04-C11N

094-6326-0011

MCKS-N1-B-21S6Q9-18.0

1532173-8

36

M83513/04-C12N

094-6326-0012

MCKS-N1-B-21S6Q9-36.0

1532173-9

72

M83513/04-C13N

094-6326-0013

MCKS-N1-B-21S6G1-72.0

1-1532173-0

72

M83513/04-C14N

094-6326-0014

MCKS-N1-B-21S6G9-72.0

1-1532173-1

72

M83513/04-C15N

094-6326-0015

MCKS-N1-B-21S6Q1-72.0

1-1532173-2

72

M83513/04-C16N

094-6326-0016

MCKS-N1-B-21S6Q9-72.0

1-1532173-3

0.5

M83513/04-C05N

094-6326-0005

MCKS-N1-B-21S5L4-0.5

1-1532173-4

1.0

M83513/04-C06N

094-6326-0006

MCKS-N1-B-21S5L4-1.0

1-1532173-5

0.5

M83513/04-C07N

094-6326-0007

MCKS-N1-B-21S5L5-0.5

1-1532173-6

1.0

M83513/04-C08N

094-6326-0008

MCKS-N1-B-21S5L5-1.0

1-1532173-7

18

M83513/04-C01C

094-6336-0001

MCKS-C2-B-21S6G1-18.0

1-1532173-8

36

M83513/04-C02C

094-6336-0002

MCKS-C2-B-21S6G1-36.0

1-1532173-9

18

M83513/04-C03C

094-6336-0003

MCKS-C2-B-21S6G9-18.0

2-1532173-0

36

M83513/04-C04C

094-6336-0004

MCKS-C2-B-21S6G9-36.0

2-1532173-1

0.5

M83513/04-C05C

094-6336-0005

MCKS-C2-B-21S5L4-0.5

2-1532173-2

1.0

M83513/04-C06C

094-6336-0006

MCKS-C2-B-21S5L4-1.0

2-1532173-3

0.5

M83513/04-C07C

094-6336-0007

MCKS-C2-B-21S5L5-0.5

2-1532173-4

1.0

M83513/04-C08C

094-6336-0008

MCKS-C2-B-21S5L5-1.0

2-1532173-5

18

M83513/04-C09C

094-6336-0009

MCKS-C2-B-21S6Q1-18.0

2-1532173-6

36

M83513/04-C10C

094-6336-0010

MCKS-C2-B-21S6Q1-36.0

2-1532173-7

18

M83513/04-C11C

094-6336-0011

MCKS-C2-B-21S6Q9-18.0

2-1532173-8

36

M83513/04-C12C

094-6336-0012

MCKS-C2-B-21S6Q9-36.0

2-1532173-9

72

M83513/04-C13C

094-6336-0013

MCKS-C2-B-21S6G1-72.0

3-1532173-0

72

M83513/04-C14C

094-6336-0014

MCKS-C2-B-21S6G9-72.0

3-1532173-1

72

M83513/04-C15C

094-6336-0015

MCKS-C2-B-21S6Q1-72.0

3-1532173-2

72

M83513/04-C16C

094-6336-0016

MCKS-C2-B-21S6Q9-72.0

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

± -

± -

± -

± -

± -

± -

-

DWN

B. ROMANCHUK

03 SEP 08

CHK

—

APVD

M. STORRY

03 SEP 08

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

NAME

RECEPTACLE ASSEMBLY,  
MICRO-D PER MIL-DTL-83513/04,  
MCKS SERIES, 21 POSITION

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

98278

C=1532173

—

SCALE

4:1

SHEET

2 of 2

REV

A

3307-7

(1/08)

1532173

B

A

# Mouser Electronics

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[2-1532173-1](#)