

8

7

6

5

4

3

2

1

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— N/A .

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LOC

DIST

REV

DATE

DWN

APVD

—

—

F

LTR

DESCRIPTION

DATE

DWN

APVD

J

REV PER ECO 15—006633

5—7—15

CT

DM

1

2

3

4

5

6

7

8

9

MARKED WITH .047 [1.19] HIGH CHARACTERS. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE, NEAR SIDE REFERS TO NARROW SIDE OF KEYSTONE.

RUBBER GROMMET APPLIES ONLY FOR 1218234—6 THRU 1—1218234—0 AND 2—1218234—6 THRU 3—1218234—0.

BERYLLIUM COPPER RETENTION CLIPS ARE INCLUDED IN INSERTS.

CONTACTS NOT SUPPLIED, MUST BE ORDERED SEPARTELY. WILL ACCOMMODATE A SIZE 20 PIN CONTACT PER MIL—C—39029/64—369 OR NASA G—10—P1. CONTACT TE ENGINEERING FOR ANY OTHER CONTACT STYLES.

THIS PLUG WILL MATE WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.

MAXIMUM WIRE INSULATION USED WITH THIS CONNECTOR IS .072 [1.83] DIAMETER WITH GROMMET, .084 [2.13] WITHOUT GROMMET.

UNLESS OTHERWISE STATED THIS ASSEMBLY CONFORMS TO MIL—PRF—24308.

ELECTROLESS NICKEL UNDERPLATE DOES NOT CONTAIN INTENTIONAL ADDITIONS OF LEAD AND CADMIUM PER DFE STANDARD 230—700.

SPECIAL TESTING PER RAYTHEON R10006242 SPECIFICATION.

OB

SOLETE

R10006242—0034

.039
[0.99]

.550
[13.97]

2.189
[55.60]

.230
[5.84]

.605
[15.38]

.441
[11.20]

2.406
[61.11]

2.079
[52.81]

2.635
[66.93]

2

9

50

5

3—1218234—0

R10006242—0033

.039
[0.99]

.438
[11.13]

2.284
[58.01]

.230
[5.84]

.494
[12.55]

.329
[8.36]

2.500
[63.50]

2.182
[55.42]

2.729
[69.32]

2

9

37

4

2—1218234—9

R10006242—0032

.039
[0.99]

.438
[11.13]

1.636
[41.55]

.230
[5.84]

.494
[12.55]

.329
[8.36]

1.852
[47.04]

1.534
[38.96]

2.088
[53.04]

2

9

25

3

2—1218234—8

R10006242—0031

.030
[0.76]

.438
[11.13]

1.094
[27.79]

.235
[5.97]

.494
[12.55]

.329
[8.36]

1.312
[33.32]

.994
[25.25]

1.541
[39.14]

2

9

15

2

2—1218234—7

R10006242—0030

.030
[0.76]

.438
[11.13]

.770
[19.56]

.235
[5.97]

.494
[12.55]

.329
[8.36]

.984
[24.99]

.666
[16.92]

1.213
[30.81]

2

9

9

1

2—1218234—6

R10006242—0029

.039
[0.99]

.550
[13.97]

2.189
[55.60]

.230
[5.84]

.605
[15.38]

.441
[11.20]

2.406
[61.11]

2.079
[52.81]

2.635
[66.93]

9

50

5

2—1218234—5

R10006242—0028

.039
[0.99]

.438
[11.13]

2.284
[58.01]

.230
[5.84]

.494
[12.55]

.329
[8.36]

2.500
[63.50]

2.182
[55.42]

2.729
[69.32]

9

37

4

2—1218234—4

R10006242—0027

.039
[0.99]

.438
[11.13]

1.636
[41.55]

.230
[5.84]

.494
[12.55]

.329
[8.36]

1.852
[47.04]

1.534
[38.96]

2.088
[53.04]

9

25

3

2—1218234—3

R10006242—0026

.030
[0.76]

.438
[11.13]

1.094
[27.79]

.235
[5.97]

.494
[12.55]

.329
[8.36]

1.312
[33.32]

.994
[25.25]

1.541
[39.14]

9

15

2

2—1218234—2

R10006242—0025

.030
[0.76]

.438
[11.13]

.770
[19.56]

.235
[5.97]

.494
[12.55]

.329
[8.36]

.984
[24.99]

.666
[16.92]

1.213
[30.81]

9

9

1

2—1218234—1

.039
[0.99]

.550
[13.97]

2.189
[55.60]

.230
[5.84]

.605
[15.38]

.441
[11.20]

2.406
[61.11]

2.079
[52.81]

2.635
[66.93]

8

50

5

5—1218234—5

.039
[0.99]

.550
[13.97]

2.189
[55.60]

.230
[5.84]

.605
[15.38]

.441
[11.20]

2.406
[61.11]

2.079
[52.81]

2.635
[66.93]

2

50

5

1—1218234—0

.039
[0.99]

.438
[11.13]

2.284
[58.01]

.230
[5.84]

.494
[12.55]

.329
[8.36]

2.500
[63.50]

2.182
[55.42]

2.729
[69.32]

2

37

4

1218234—9

.039
[0.99]

.438
[11.13]

1.636
[41.55]

.230
[5.84]

.494
[12.55]

.329
[8.36]

1.852
[47.04]

1.534
[38.96]

2.088
[53.04]

2

25

3

1218234—8

.030
[0.76]

.438
[11.13]

1.094
[27.79]

.235
[5.97]

.494
[12.55]

.329
[8.36]

1.312
[33.32]

.994
[25.25]

1.541
[39.14]

2

15

2

1218234—7

.030
[0.76]

.438
[11.13]

.770
[19.56]

.235
[5.97]

.494
[12.55]

.329
[8.36]

.984
[24.99]

.666
[16.92]

1.213
[30.81]

2

9

1

1218234—6

.039
[0.99]

.550
[13.97]

2.189
[55.60]

.230
[5.84]

.605
[15.38]

.441
[11.20]

2.406
[61.11]

2.079
[52.81]

2.635
[66.93]

—

50

5

1218234—5

.039
[0.99]

.438
[11.13]

2.284
[58.01]

.230
[5.84]

.494
[12.55]

.329
[8.36]

2.500
[63.50]

2.182
[55.42]

2.729
[69.32]

—

37

4

1218234—4

.039
[0.99]

.438
[11.13]

1.636
[41.55]

.230
[5.84]

.494
[12.55]

.329
[8.36]

1.852
[47.04]

1.534
[38.96]

2.088
[53.04]

—

25

3

1218234—3

.030
[0.76]

.438
[11.13]

1.094
[27.79]

.235
[5.97]

.494
[12.55]

.329
[8.36]

1.312
[33.32]

.994
[25.25]

1.541
[39.14]

—

15

2

1218234—2

.030
[0.76]

.438
[11.13]

.770
[19.56]

.235
[5.97]

.494
[12.55]

.329
[8.36]

.984
[24.99]

.666
[16.92]

1.213
[30.81]

—

9

1

1218234—1

CUSTOMER PART NO.

L

J

H

G

E

D

C

B

A

REMARKS

NO OF POSN.

SHELL SIZE

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.C.THOMAS
7—27—05

CHK
D.MILLER
7—27—05

APVD
D.MILLER
7—27—05

NAME

DIMENSIONS:
INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± .005(0.13)
4 PLC ± —
ANGLES ± ±

MATERIAL
—

FINISH
—

SIZE
A1

CAGE CODE
00779

DRAWING NO.
1218234

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
4:1

SHEET
1

OF
2

REV
J

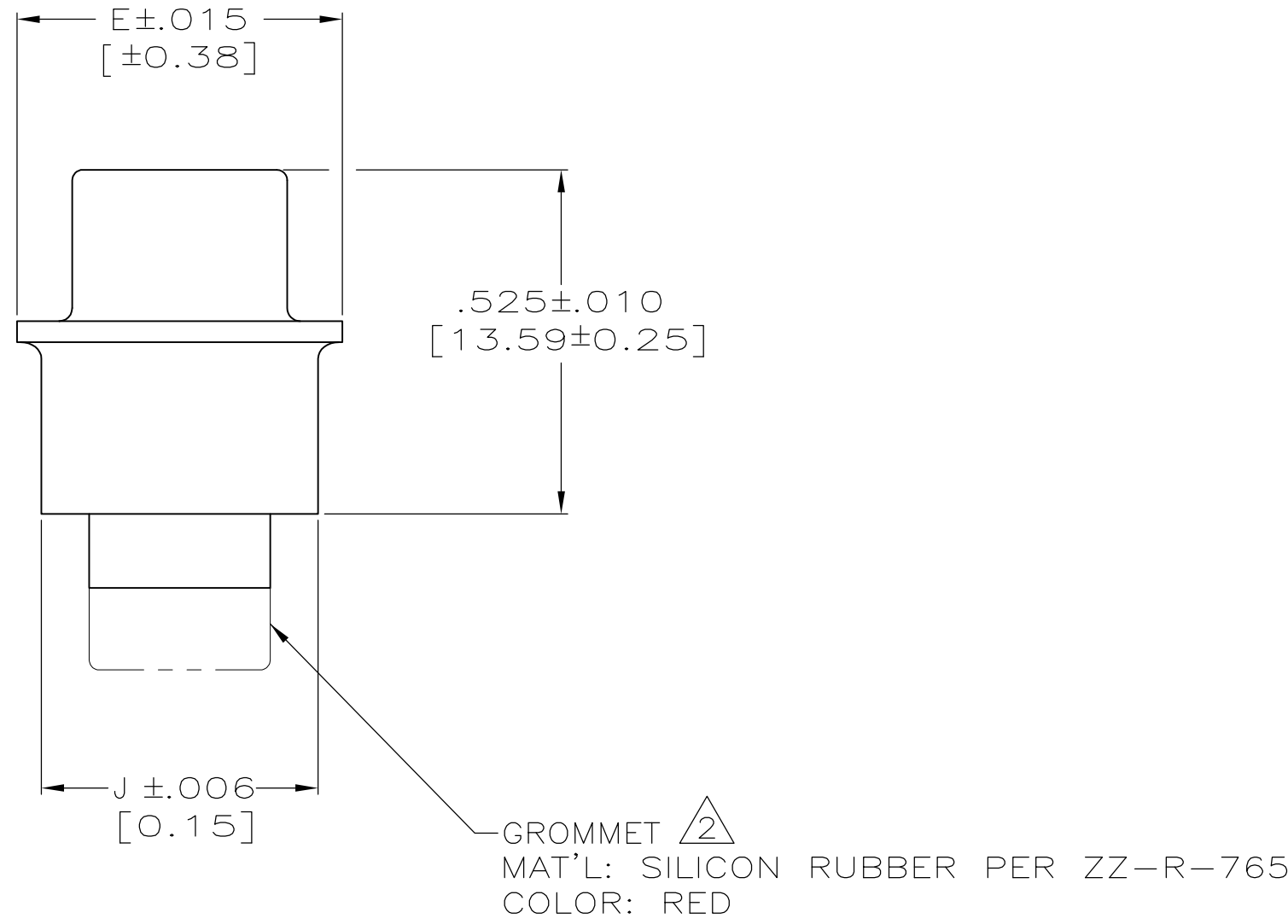
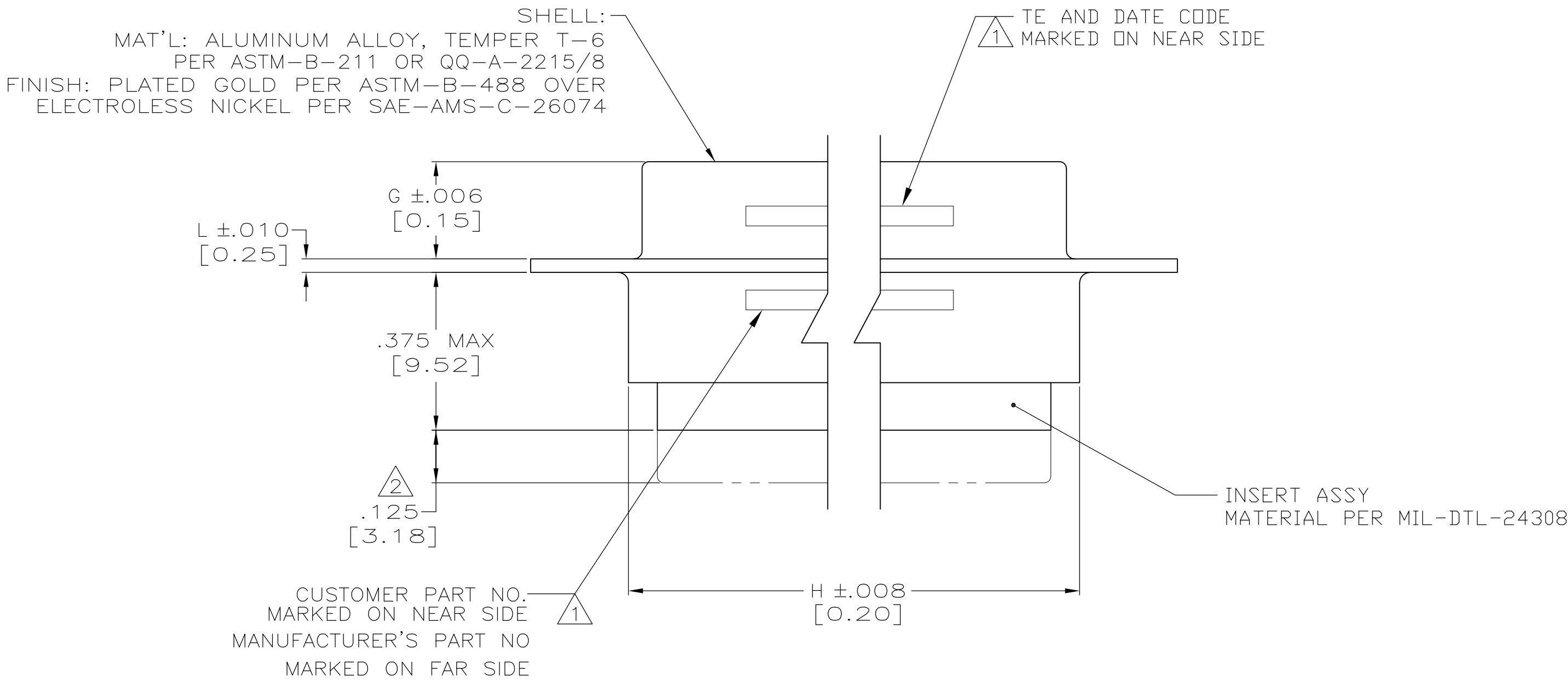
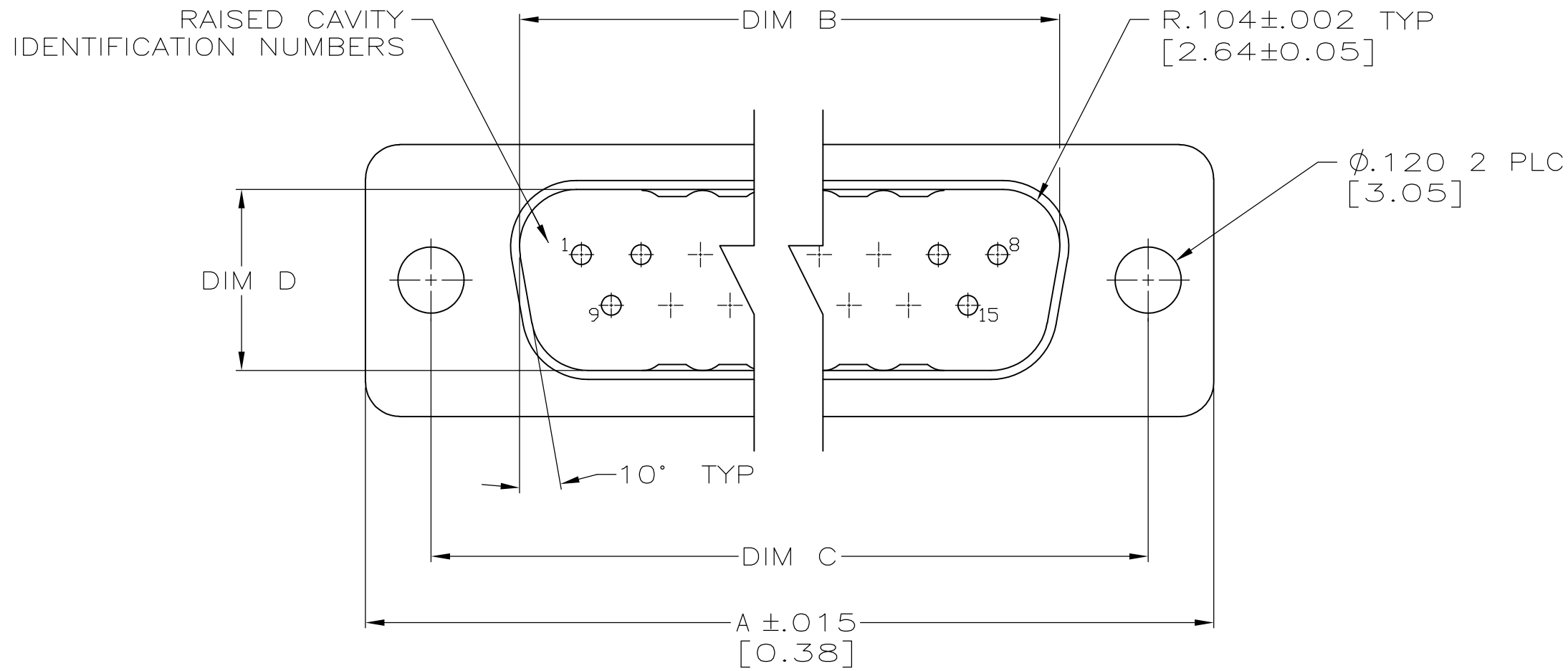
TE Connectivity

PLUG ASSEMBLY, AMPLIMITE
ULTRA—LITE, SERIES 109, SIZE 1 THRU 5
(ONE PIECE ALUMINUM SHELL)

4805 (3/11)

2:42pm

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
-	-	-	-	SEE SHEET #1	-	CD



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.C.THOMAS
7-27-05

CHK
D.MILLER
7-27-05

APVD
D.MILLER
7-27-05

TE Connectivity

PLUG ASSEMBLY, AMPLIMITE
ULTRA-LITE, SERIES 109, SIZE 1 THRU 5
(ONE PIECE ALUMINUM SHELL)

DIMENSIONS:
INCHES [mm]

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005(0.13)

4 PLC ± -

ANGLES ± -

MATERIAL -

FINISH -

WEIGHT -

RESTRICTED TO -

SIZE A1

CAGE CODE 00779

DRAWING NO. 1218234

SCALE 4:1

SHEET 2 OF 2

REV J