

8

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LOC

DIST

F

LTR

DESCRIPTION

DATE

DWN

APVD

—

—

J

REV PER ECO—15—005911

20MAY15

KG

DM

1

2

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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 1218235—6 THRU 1—1218235—0 AND 2—1218235—6 THRU 3—1218235—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.

	R10006242—0044	.039 [0.99]	.550 [13.97]	2.189 [55.60]	.605 [15.38]	.423 [10.74]	2.406 [61.11]	2.064 [52.43]	2.635 [66.93]		50	5	3—1218235—0
	R10006242—0043	.039 [0.99]	.438 [11.13]	2.284 [58.01]	.494 [12.55]	.311 [7.90]	2.500 [63.50]	2.159 [54.84]	2.729 [69.32]		37	4	2—1218235—9
	R10006242—0042	.039 [0.99]	.438 [11.13]	1.636 [41.55]	.494 [12.55]	.311 [7.90]	1.852 [47.04]	1.511 [38.38]	2.088 [53.04]		25	3	2—1218235—8
	R10006242—0041	.030 [0.76]	.438 [11.13]	1.094 [27.79]	.494 [12.55]	.311 [7.90]	1.312 [33.32]	.971 [24.66]	1.541 [39.14]		15	2	2—1218235—7
	R10006242—0040	.030 [0.76]	.438 [11.13]	.770 [19.56]	.494 [12.55]	.311 [7.90]	.984 [24.99]	.643 [16.33]	1.213 [30.81]		9	1	2—1218235—6
	R10006242—0039	.039 [0.99]	.550 [13.97]	2.189 [55.60]	.605 [15.38]	.423 [10.74]	2.406 [61.11]	2.064 [52.43]	2.635 [66.93]		50	5	2—1218235—5
	R10006242—0038	.039 [0.99]	.438 [11.13]	2.284 [58.01]	.494 [12.55]	.311 [7.90]	2.500 [63.50]	2.159 [54.84]	2.729 [69.32]		37	4	2—1218235—4
	R10006242—0037	.039 [0.99]	.438 [11.13]	1.636 [41.55]	.494 [12.55]	.311 [7.90]	1.852 [47.04]	1.511 [38.38]	2.088 [53.04]		25	3	2—1218235—3
	R10006242—0036	.030 [0.76]	.438 [11.13]	1.094 [27.79]	.494 [12.55]	.311 [7.90]	1.312 [33.32]	.971 [24.66]	1.541 [39.14]		15	2	2—1218235—2
	R10006242—0035	.030 [0.76]	.438 [11.13]	.770 [19.56]	.494 [12.55]	.311 [7.90]	.984 [24.99]	.643 [16.33]	1.213 [30.81]		9	1	2—1218235—1
OBsolete	---	.039 [0.99]	.550 [13.97]	2.189 [55.60]	.605 [15.38]	.423 [10.74]	2.406 [61.11]	2.064 [52.43]	2.635 [66.93]		50	5	5—1218235—5
OBsolete	---	.030 [0.76]	.438 [11.13]	1.094 [27.79]	.494 [12.55]	.311 [7.90]	1.312 [33.32]	.971 [24.66]	1.541 [39.14]		15	2	5—1218235—2
	---	.039 [0.99]	.550 [13.97]	2.189 [55.60]	.605 [15.38]	.423 [10.74]	2.406 [61.11]	2.064 [52.43]	2.635 [66.93]		50	5	1—1218235—0
	---	.039 [0.99]	.438 [11.13]	2.284 [58.01]	.494 [12.55]	.311 [7.90]	2.500 [63.50]	2.159 [54.84]	2.729 [69.32]		37	4	1218235—9
	---	.039 [0.99]	.438 [11.13]	1.636 [41.55]	.494 [12.55]	.311 [7.90]	1.852 [47.04]	1.511 [38.38]	2.088 [53.04]		25	3	1218235—8
	---	.030 [0.76]	.438 [11.13]	1.094 [27.79]	.494 [12.55]	.311 [7.90]	1.312 [33.32]	.971 [24.66]	1.541 [39.14]		15	2	1218235—7
	---	.030 [0.76]	.438 [11.13]	.770 [19.56]	.494 [12.55]	.311 [7.90]	.984 [24.99]	.643 [16.33]	1.213 [30.81]		9	1	1218235—6
	---	.039 [0.99]	.550 [13.97]	2.189 [55.60]	.605 [15.38]	.423 [10.74]	2.406 [61.11]	2.064 [52.43]	2.635 [66.93]	—	50	5	1218235—5
	---	.039 [0.99]	.438 [11.13]	2.284 [58.01]	.494 [12.55]	.311 [7.90]	2.500 [63.50]	2.159 [54.84]	2.729 [69.32]	—	37	4	1218235—4
	---	.039 [0.99]	.438 [11.13]	1.636 [41.55]	.494 [12.55]	.311 [7.90]	1.852 [47.04]	1.511 [38.38]	2.088 [53.04]	—	25	3	1218235—3
	---	.030 [0.76]	.438 [11.13]	1.094 [27.79]	.494 [12.55]	.311 [7.90]	1.312 [33.32]	.971 [24.66]	1.541 [39.14]	—	15	2	1218235—2
	---	.030 [0.76]	.438 [11.13]	.770 [19.56]	.494 [12.55]	.311 [7.90]	.984 [24.99]	.643 [16.33]	1.213 [30.81]	—	9	1	1218235—1
	CUSTOMER PART NO.	L	J	H	E	D	C	B	A	REMARKS	NO OF POSN.	SHELL SIZE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± .005(0.13)
4 PLC ± —
ANGLES ± ±

FINISH

—

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 28-APR-90

CHK J.NORTON 07-MAY-90

APVD J.NORTON 07-MAY-90

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

CUSTOMER DRAWING

TE Connectivity

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

SIZE A1 CAGE CODE 00779 DRAWING NO 1218235

RESTRICTED TO

—

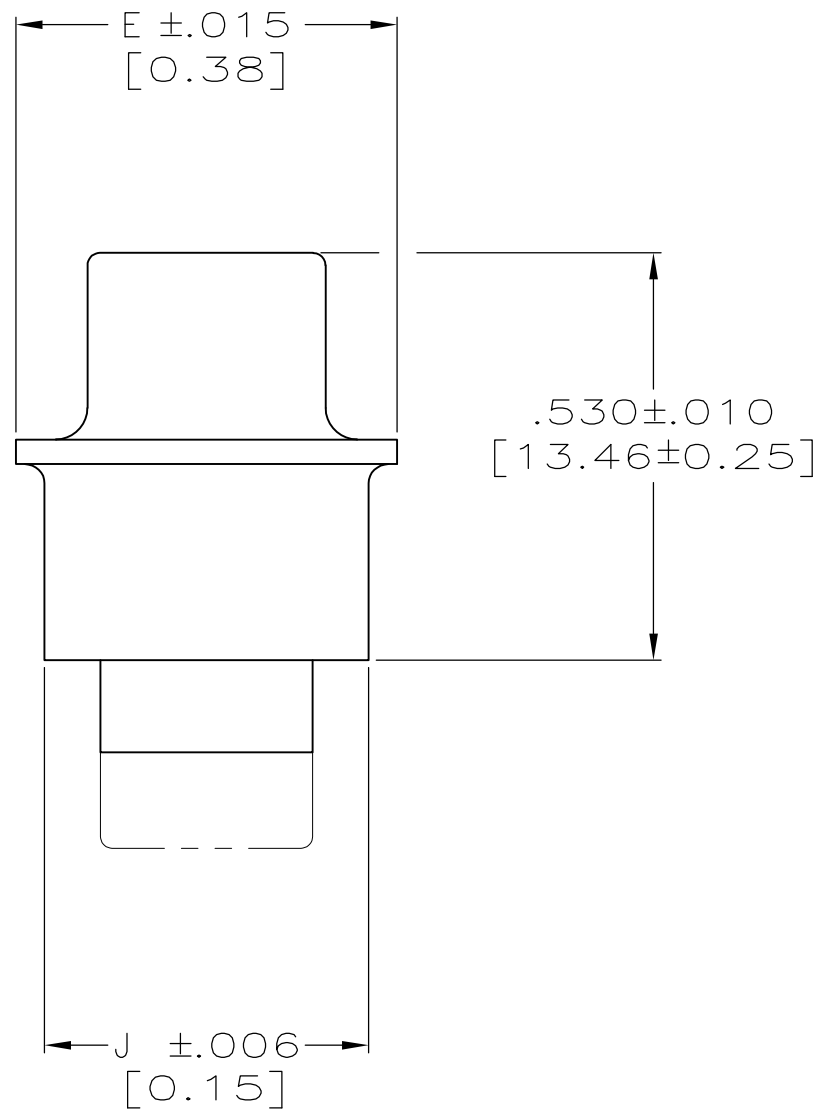
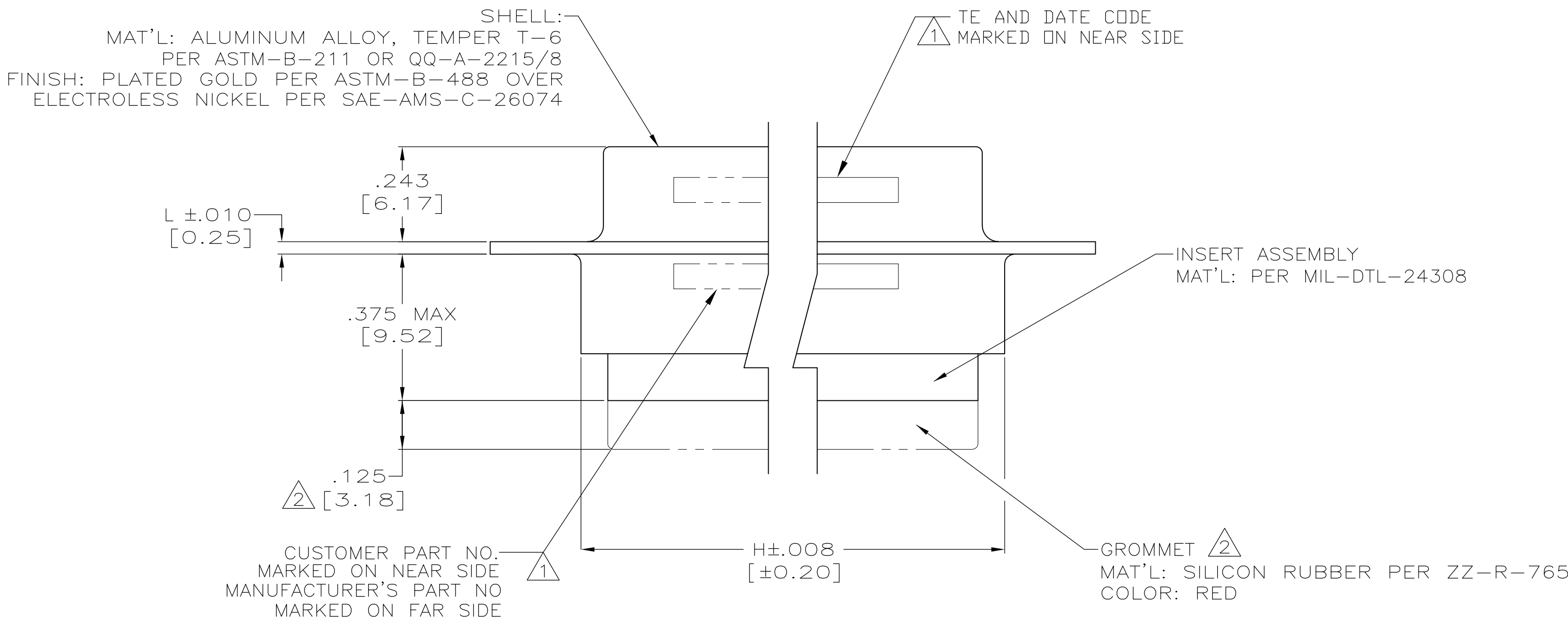
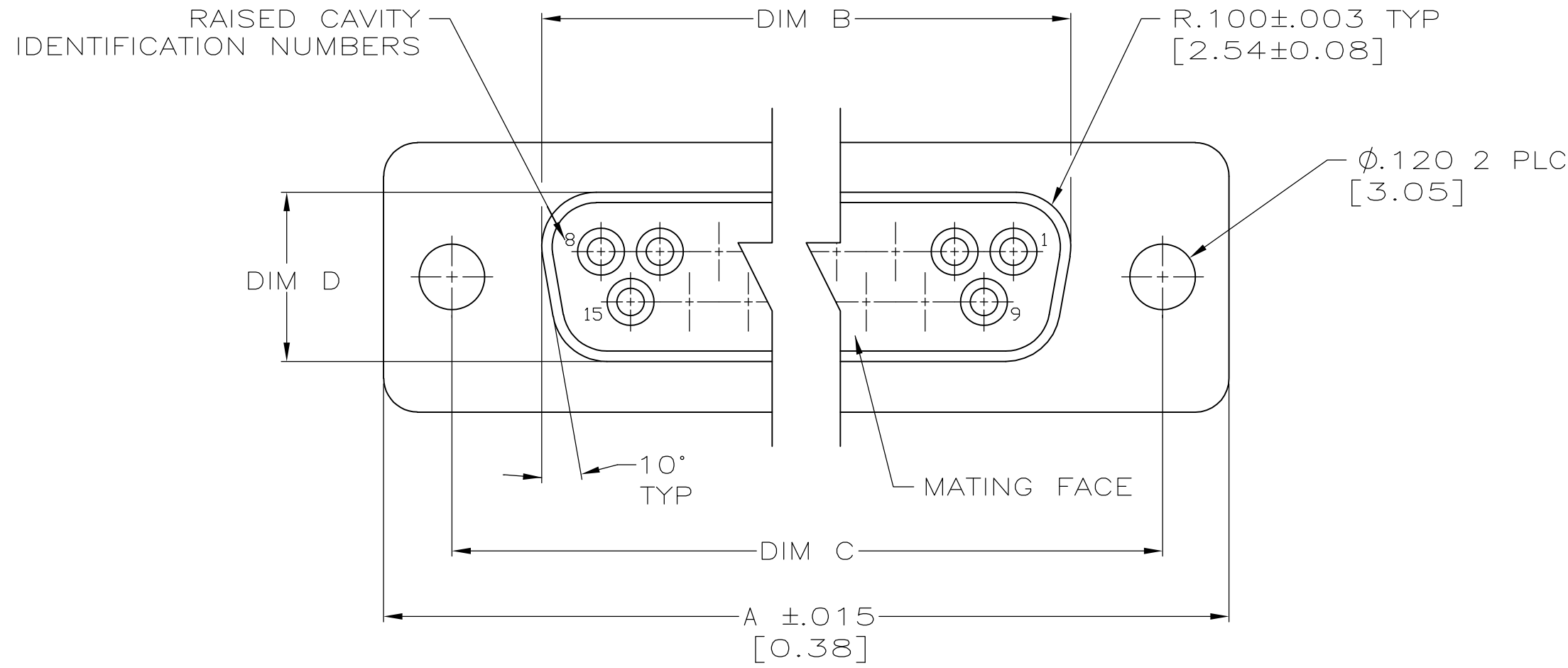
SCALE 4:1

SHEET 1 OF 2

REV J

4805 (3/11)

LOC		DIST		REVISIONS			
P	T	LTR	DESCRIPTION	DATE	DWN	APVD	
—	—	—	SEE SHEET 1	—	—	—	—



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± .005(0.13)

4 PLC ± —

ANGLES ± —

FINISH —

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.C.THOMAS
28-APR-90

CHK
J.NORTON
07-MAY-90

APVD
J.NORTON
07-MAY-90

PRODUCT SPEC

APPLICATION SPEC

WEIGHT —

CUSTOMER DRAWING

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
1218235

RESTRICTED TO

—

TE Connectivity

SCALE 4:1

SHEET 2 OF 2

REV J

4805 (3/11)