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LOC

DIST

REV

PER

ECO

—15—005911

DATE

20MAY15

DWN

KG

APVD

DM

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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 —

DWN C.C.THOMAS 28-APR-90
CHK J.NORTON 07-MAY-90
APVD J.NORTON 07-MAY-90
PRODUCT SPEC
APPLICATION SPEC
WEIGHT —

SIZE CAGE CODE DRAWING NO RESTRICTED TO
A100779C1218235—

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

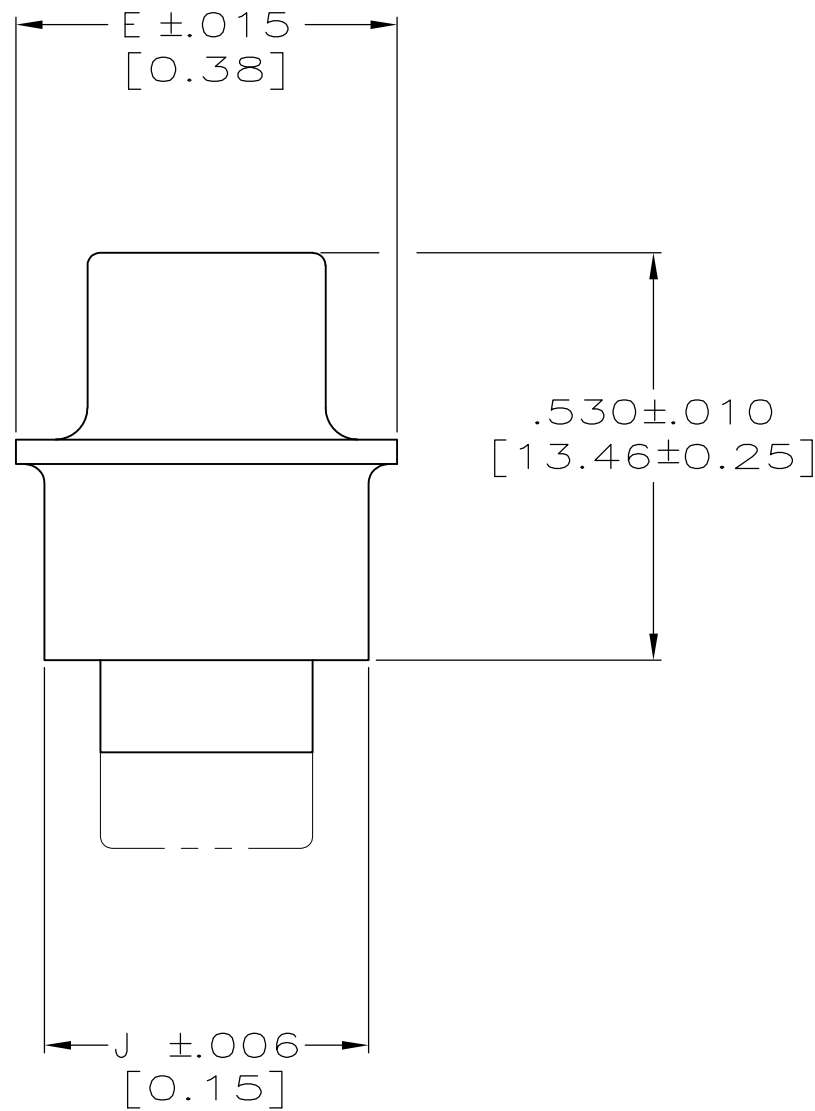
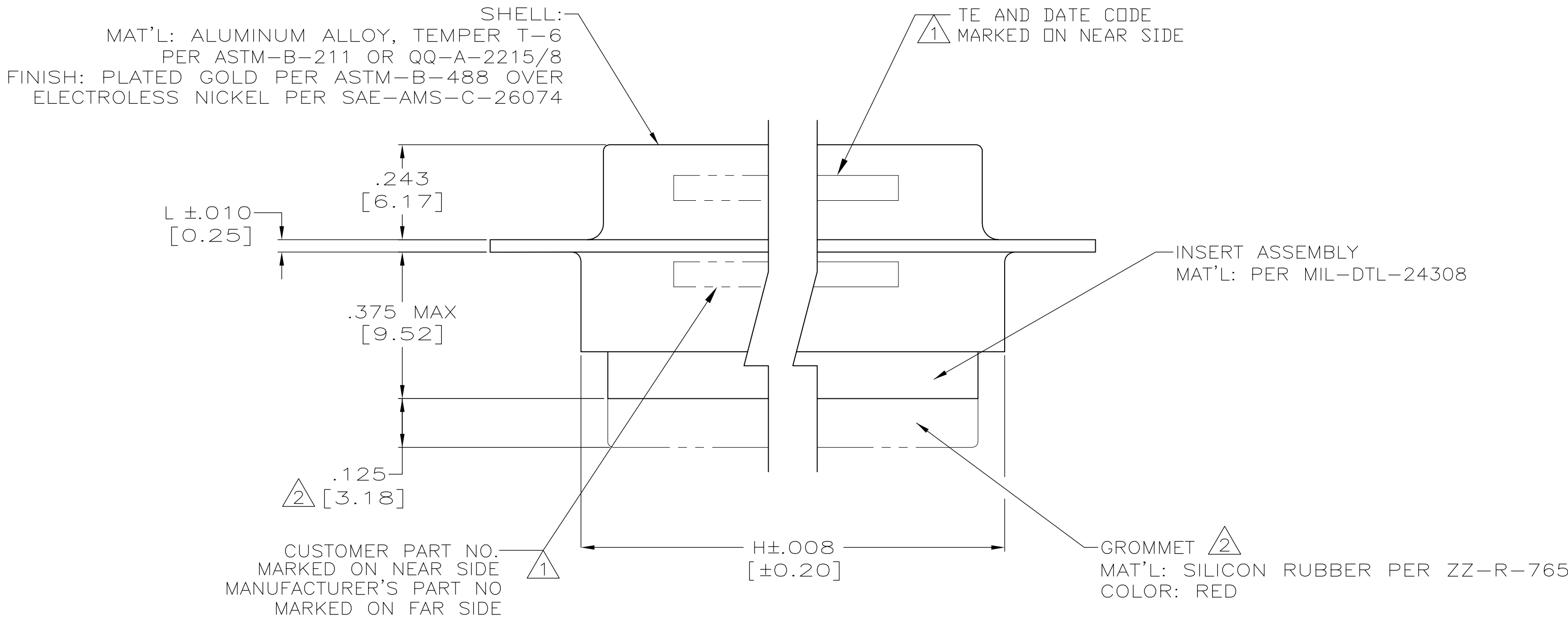
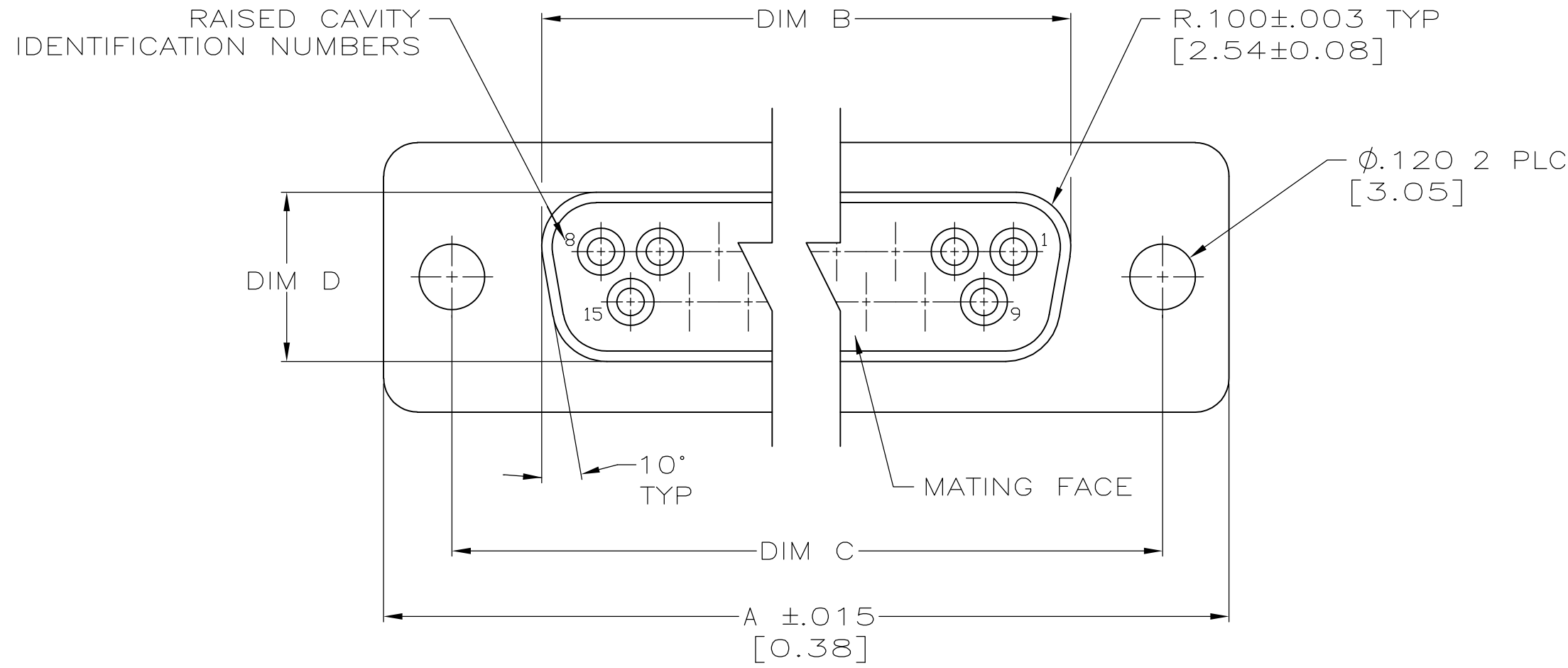
REV J

TE Connectivity

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

4805 (3/11)

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 28-APR-90	TE Connectivity	
DIMENSIONS: INCHES [mm]		CHK J.NORTON 07-MAY-90		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J.NORTON 07-MAY-90	NAME RECEPTACLE ASSEMBLY, AMPLIMITE ULTRA-LITE, SERIES 109, SIZE 1 THRU 5 (ONE PIECE ALUMINUM SHELL)	
		PRODUCT SPEC		
		APPLICATION SPEC		
		WEIGHT		
MATERIAL	FINISH	SIZE A1	CAGE CODE 00779	DRAWING NO 1218235
-	-	CUSTOMER DRAWING		RESTRICTED TO
		SCALE	4:1	SHEET 2 OF 2
				REV J

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