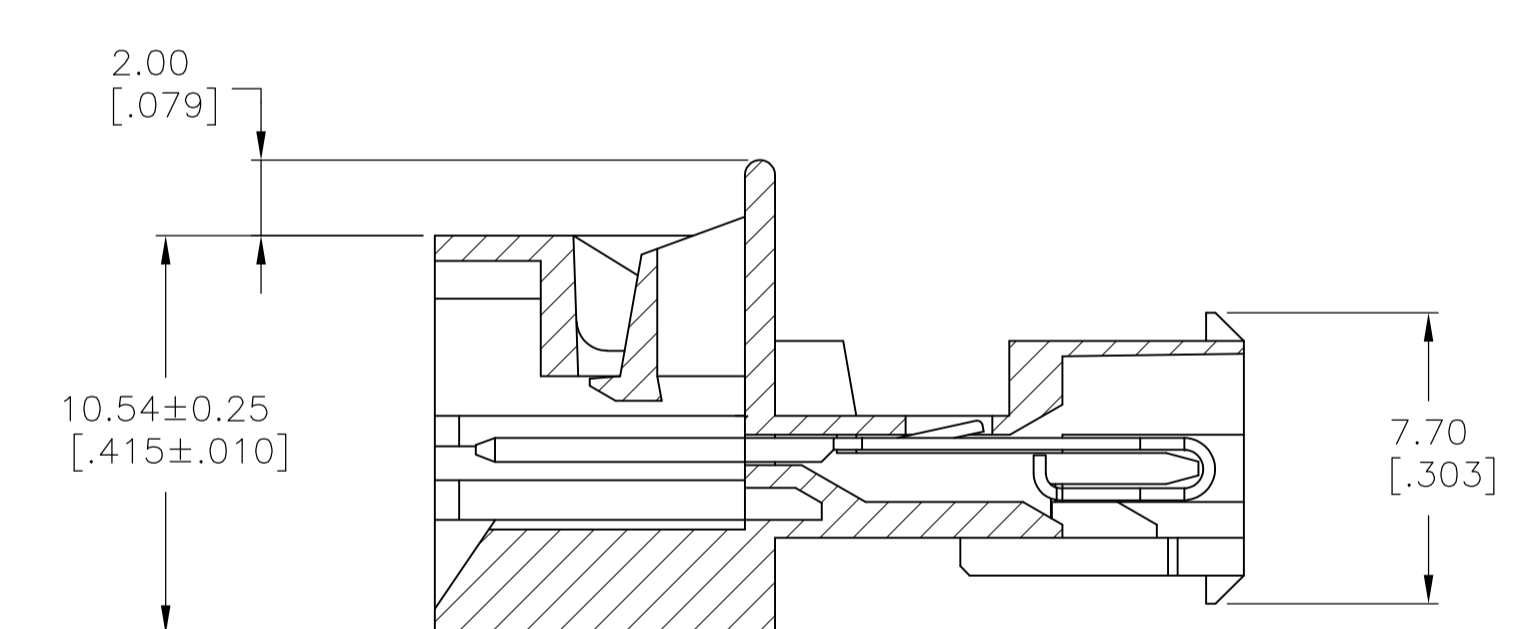
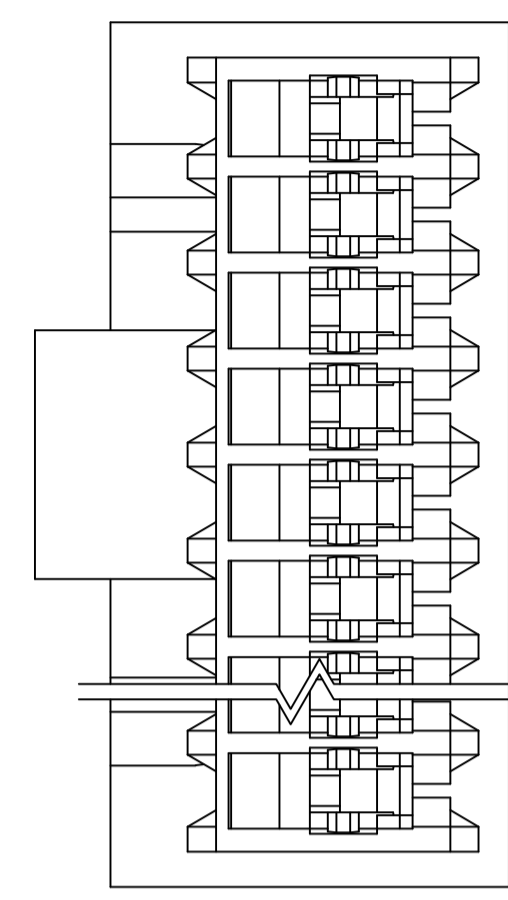
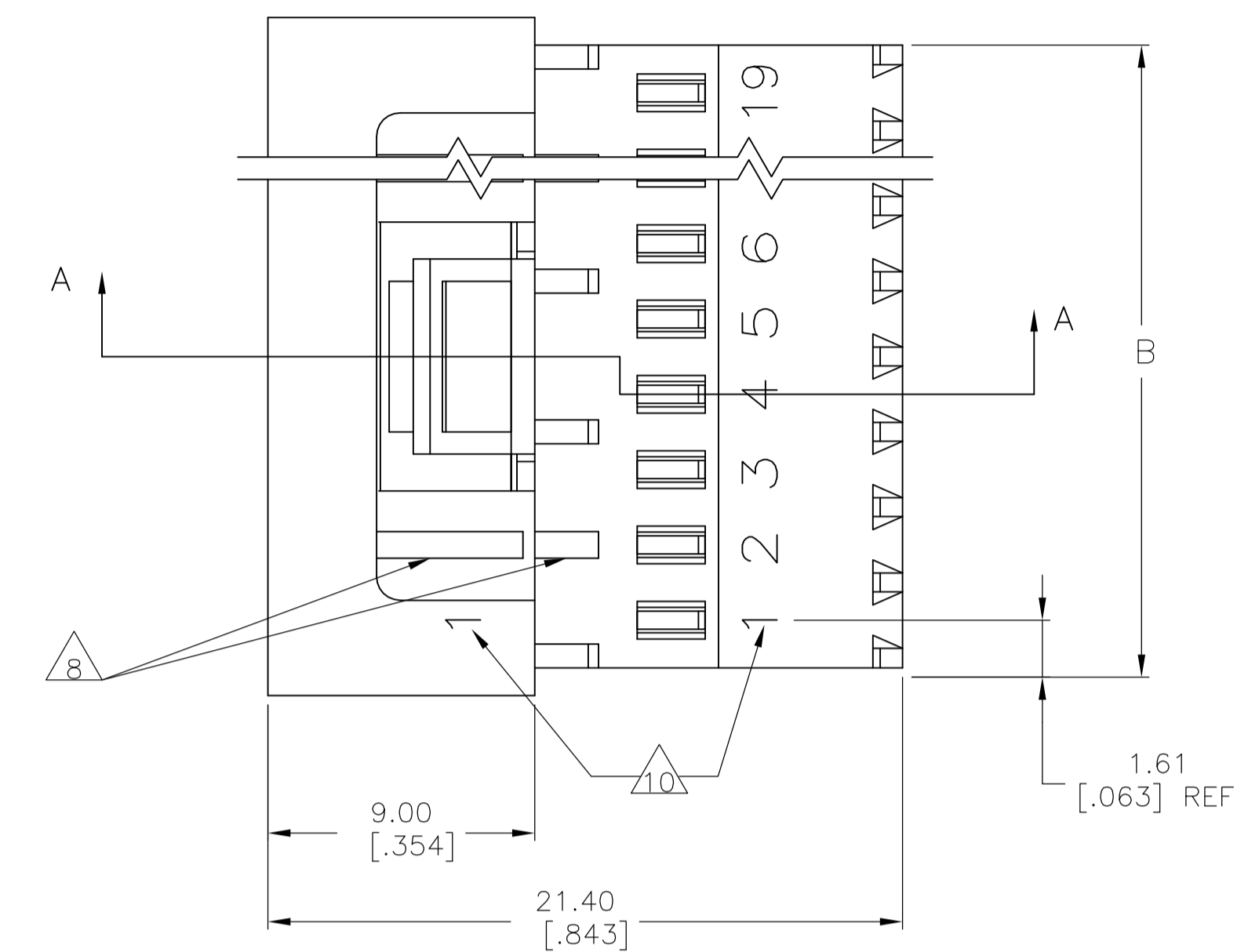
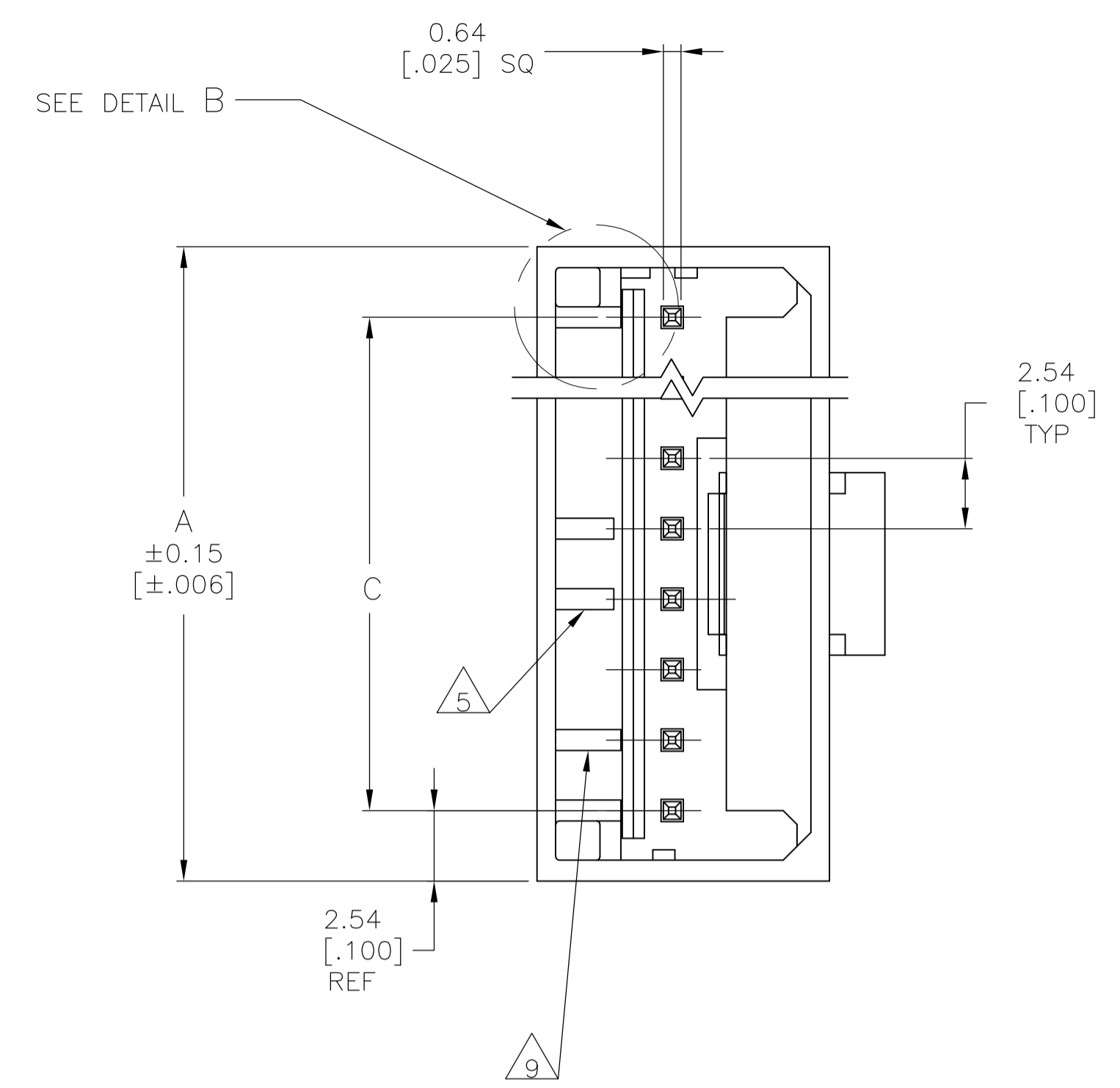
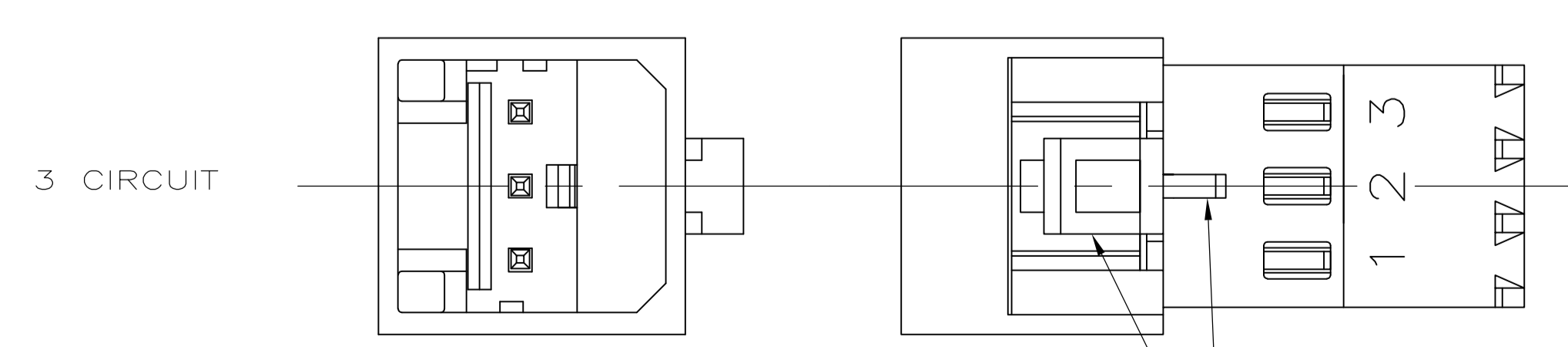
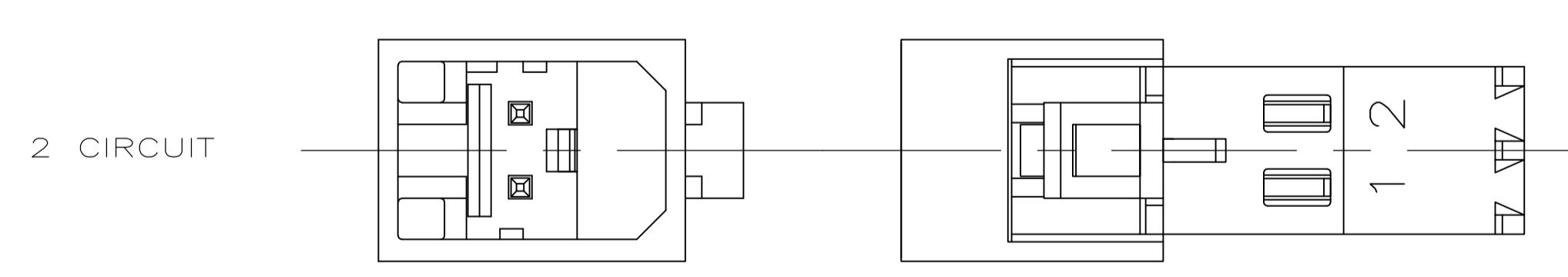


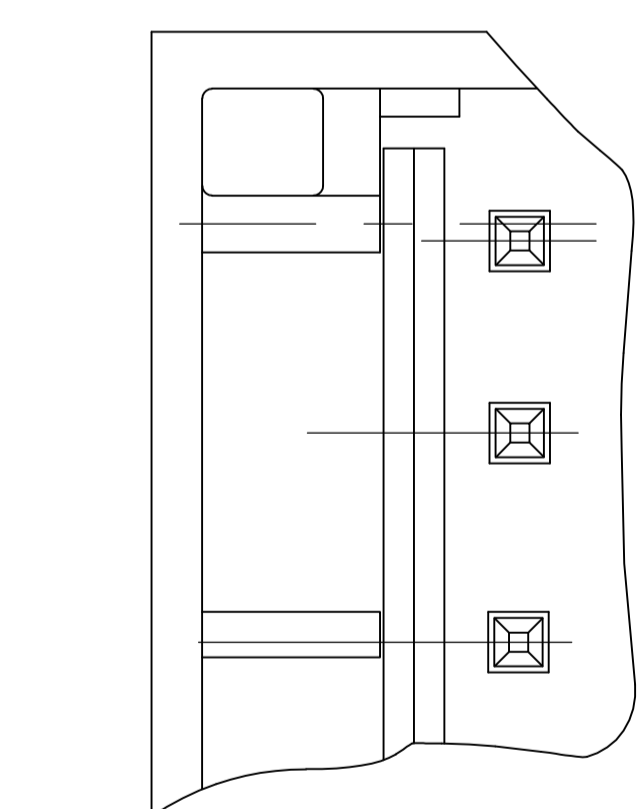
LOC		DIST		REVISIONS			
F	LTR	DESCRIPTION	DATE	DMN	APVD		
F		REVISED PER ECO-12-007504	03AUG12	KH	SM		



SECTION A-A



DETAIL A



DETAIL B  
SCALE 10:1  
ALTERNATE CONFIGURATION

- 1 MATERIAL:  
HOUSING- NYLON UL94V-2.  
CONTACTS- 0.30 [.012] THK COPPER ALLOY  
DUAL PLATING : GOLD PLATE AREA, 0.00076 [.000030] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00068 [.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.  
ONPOST, BRIGHT TIN-LEAD 0.00203[.000080] MIN THK 647008-2 THRU 1-647008-9 OR MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647008-2 THRU 4-647008-9 ON WIRE SLOT, WITH NICKEL UNDERPLATE .00127[.000050] MIN THK ALL OVER.
- 2 CONTACTS ACCEPT 22 AWG (0.3-0.4 mm<sup>2</sup>) TIN PLATED SOLID, CONCENTRIC FUSED STRANDED, OR CONCENTRIC STRANDED (7 AND 19 STRAND) WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
- 3 MATES WITH STANDARD MTA-100 CONNECTORS: OF THE SAME CIRCUIT SIZES WITH SIMILARLY PLATED CONTACTS WITH POLARIZING TABS-CIRCUIT SIZES 4-19 ONLY WITHOUT POLARIZING TABS-CIRCUIT SIZES 2 & 3.  
  
DOES NOT MATE WITH MTA-100 CONNECTORS: WITH POLARIZING TABS-CIRCUIT SIZES 2 & 3 ONLY. (SEE DETAIL A) WITH BLOCKED CIRCUITS -ALL CIRCUIT SIZES. NOT RECOMMENDED FOR MATING WITH MTA-100 CONNECTOR WITHOUT POLARIZING TABS. CIRCUIT SIZES 4-19.
- 4 ACCESSORIES:  
REPLACEMENT IDC CONTACTS: 647030-2.  
COVERS: SEE TABLE
- 5 QUANTITY OF CENTRALLY POSITIONED RAILS VARIES WITH CIRCUIT SIZE. (SEE TABLE) LOCATION MAY DIFFER FROM EXAMPLE SHOWN.
- 6 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 7 SIMILAR SIZED LOCK AND SINGLE TAB USED OR CIRCUITS 4 & 5.
- 8 QUANTITY OF GUSSET RIBS VARIES WITH CIRCUIT SIZE (SEE TABLE). LOCATION MAY DIFFER FROM EXAMPLE SHOWN.
- 9 INNER END RAIL PAIR NOT PRESENT FOR CIRCUIT SIZES 2 OR 3.
- 10 CIRCUIT ID MAY APPEAR FULLY NUMBERED OR SHOWING LOCATION 1 ONLY DEPENDING ON CIRCUIT SIZE.
- 11 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 12 RED COLOR STRIPE ON HOUSING (NOT SHOWN) MAY RUN DOWN BETWEEN RIBS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R LEWIS 30--98	TE Connectivity
DIMENSIONS: mm [INCHES]		CIK R SWING 30--98	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. ELLIS 30--98	NAME
0 PLC ± -			MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 22 AWG
1 PLC ± -			PRODUCT SPEC
2 PLC ± 0.20 [.007]			APPLICATION SPEC
3 PLC ± -			WEIGHT
4 PLC ± -			SIZE CAGE CODE DRAWING NO
ANGLES ± -			A1 00779 C=647008
MATERIAL	FINISH	RESTRICTED TO	
1	1	CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 2 REV F

1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	4-647008-9		
1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	4-647008-8		
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647008-7		
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647008-6		
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647008-5		
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647008-4		
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647008-3		
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647008-2		
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647008-1		
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647008-0		
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	3-647008-9		
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	3-647008-8		
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	3-647008-7		
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	3-647008-6		
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	3-647008-5		
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	3-647008-4		
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	3-647008-3		
-	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	3-647008-2		
1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	1-647008-9		
1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	1-647008-8		
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	1-647008-7		
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	1-647008-6		
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	1-647008-5		
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	1-647008-4		
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	1-647008-3		
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	1-647008-2		
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	1-647008-1		
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	1-647008-0		
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	647008-9		
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	647008-8		
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	647008-7		
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	647008-6		
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	647008-5		
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	647008-4		
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	647008-3		
-	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	647008-2		
DUST COVER	STRAIN RELIEF COVERS	QTY OF GUSSET RIBS	QTY OF CENTRAL RAILS	MM	IN	MM	IN	MM	IN	NO. OF CIRCUITS	PART NO		
△4	△5	△8	△5	C		B		A					

SUPERCEDED

SUPERCEDED

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DIN B LEWIS 30-98  
 CIR R SWING 30-98  
 APVD J. ELLIS 30-98  
 PRODUCT SPEC

MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 22 AWG

MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 22 AWG

SIZE A1 CAGE CODE 00779 DRAWING NO. 647008

WEIGHT -

CUSTOMER DRAWING SCALE 1:1 SHEET 2 OF 2 REV F