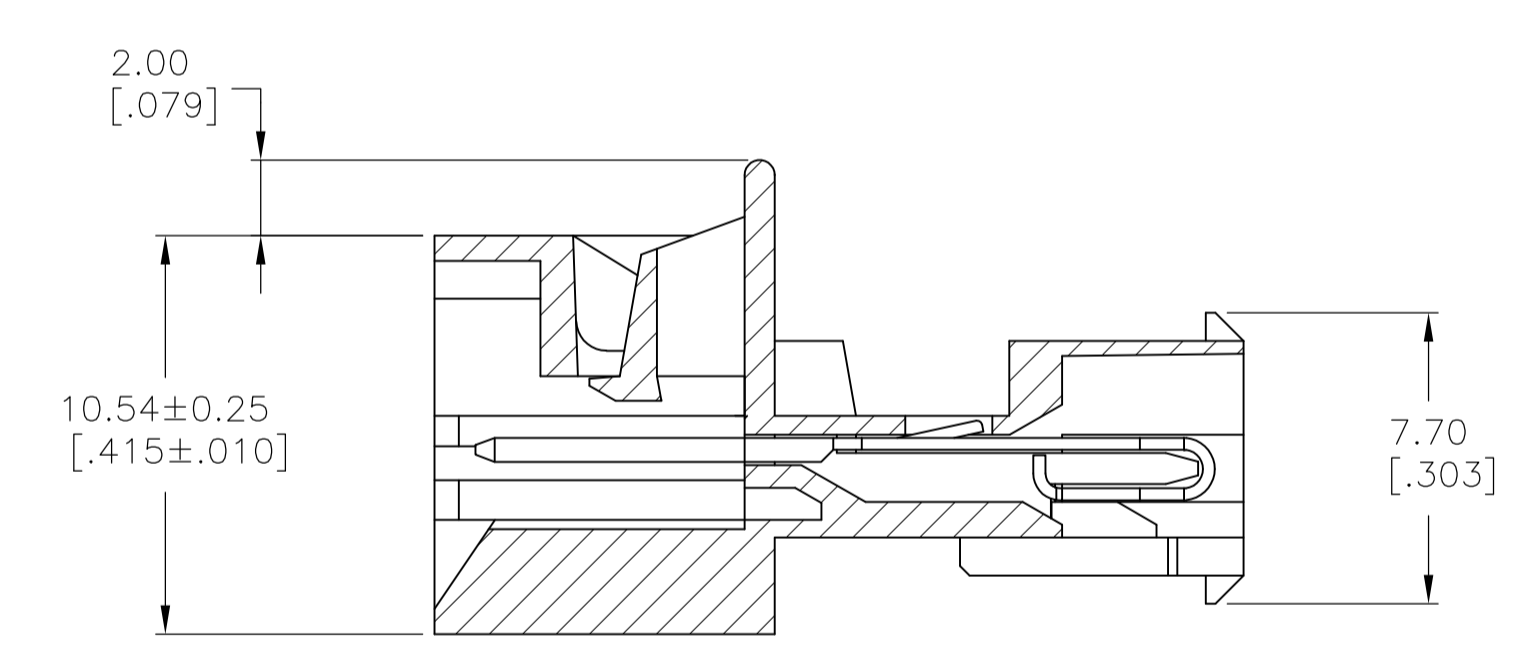
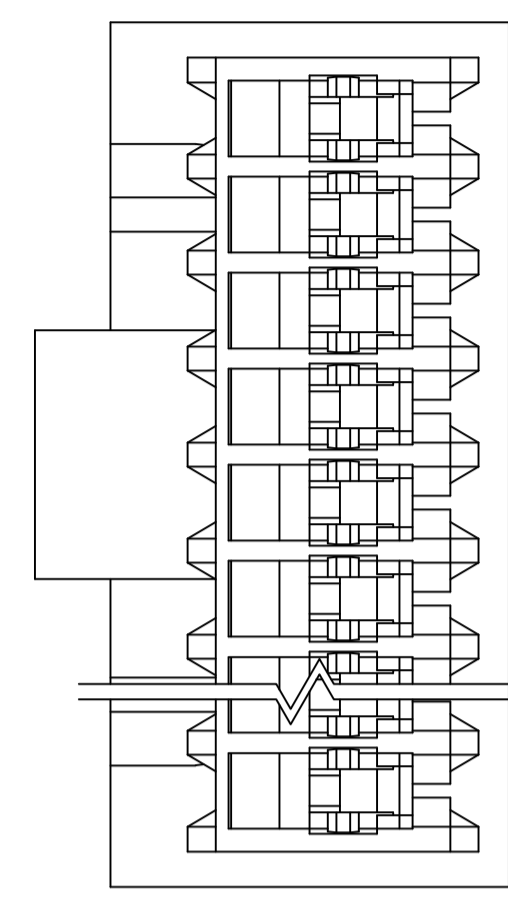
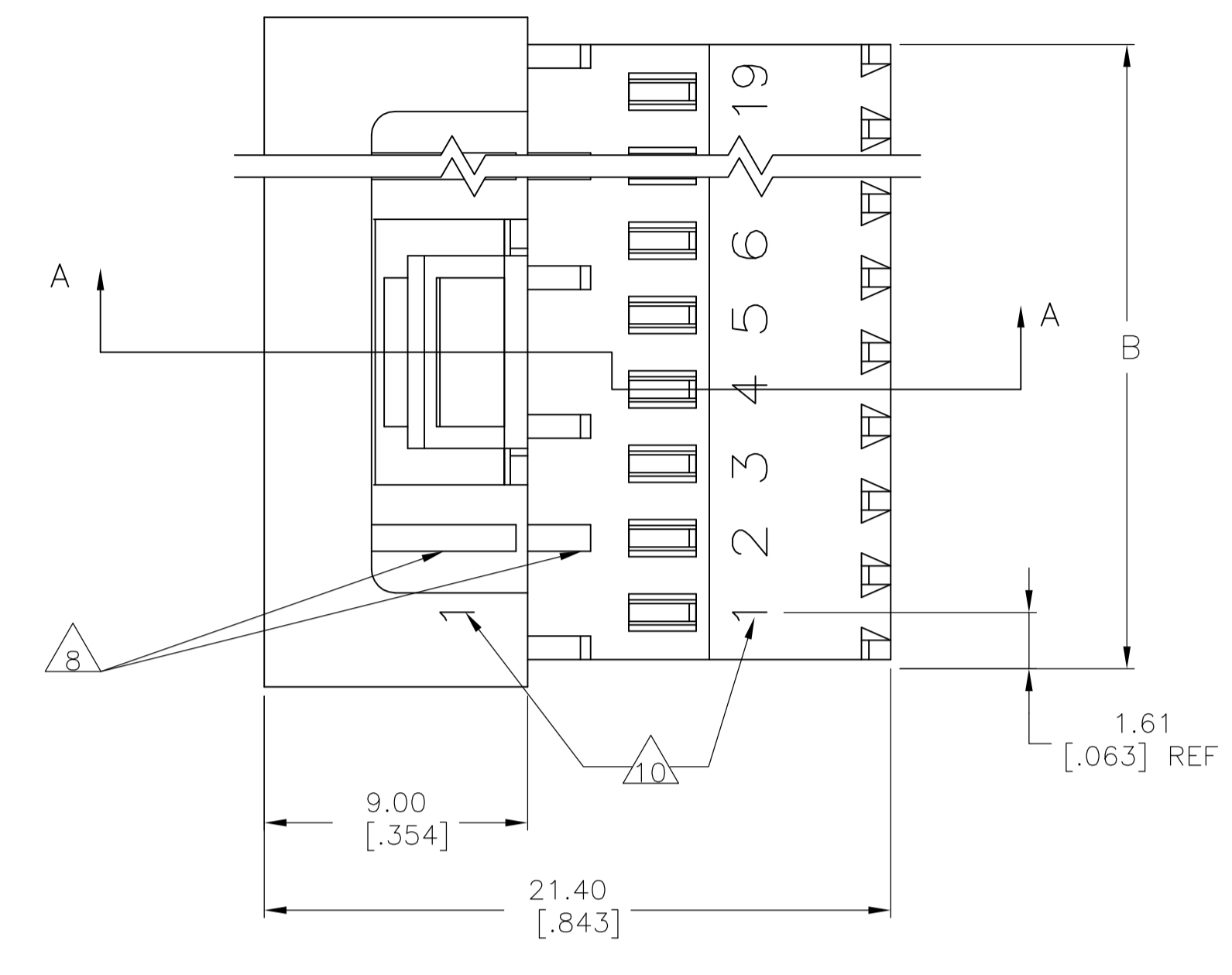
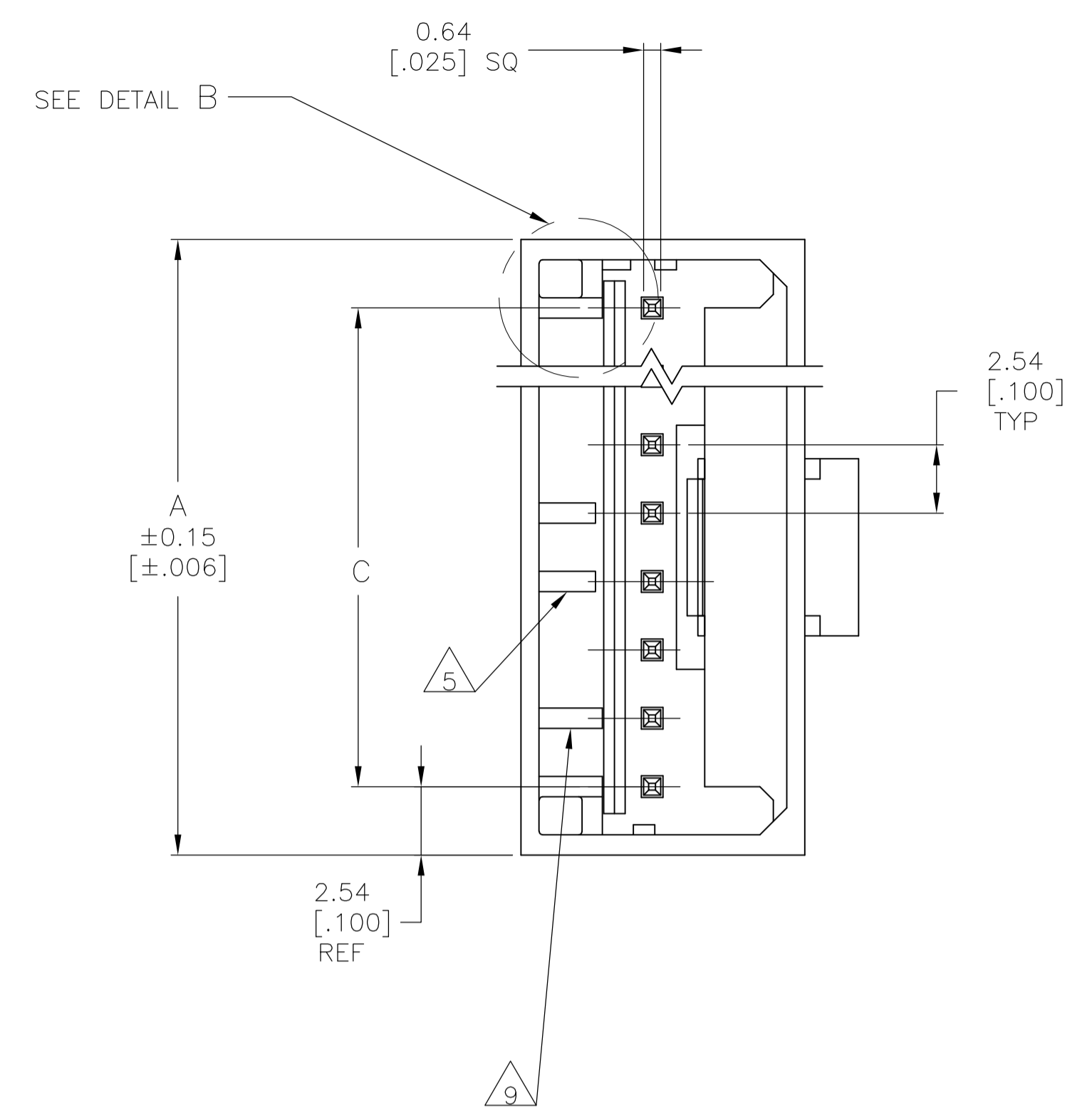
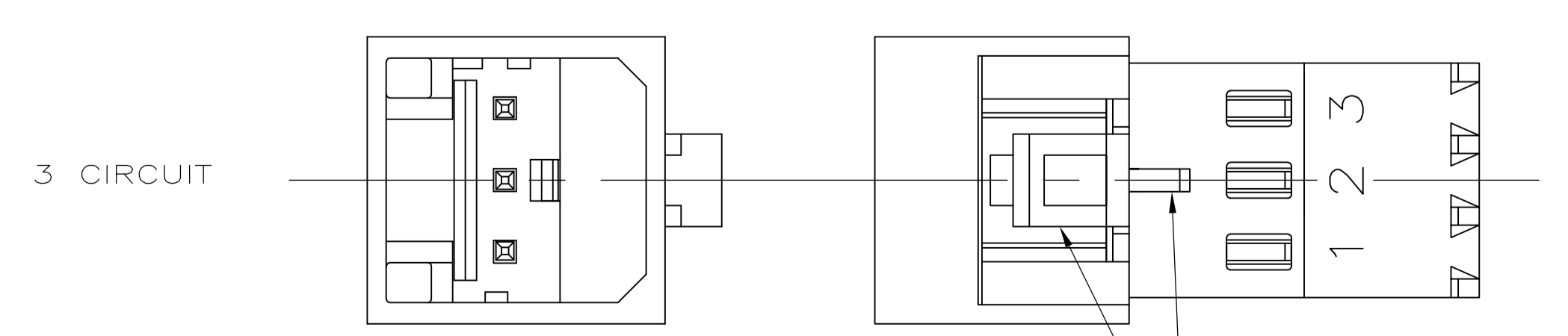
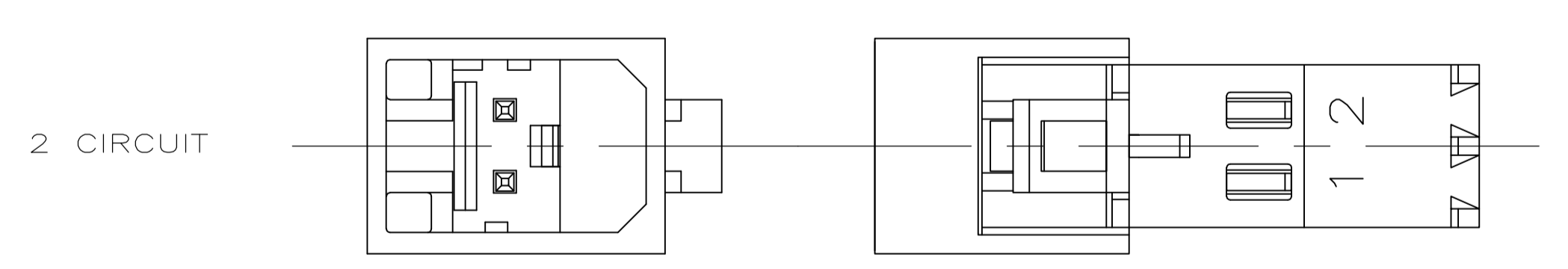


LOC		DIST		REVISIONS			
CM	00	P	LTR	DESCRIPTION	DATE	DMN	APVD
E3				REVISED PER ECO-11-014117	19JUL11	HMR	SM



SECTION A-A



DETAIL A

DETAIL B
SCALE 10:1
ALTERNATE CONFIGURATION

- MATERIAL:
HOUSING- NYLON UL94V-2 (WHITE).
CONTACTS- 0.30 [.012] THK COPPER ALLOY
PLATING : BRIGHT TIN-LEAD FOR 0.00203[.000080] MIN THK FOR 647001-2 THRU 1-647001-9.
MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647001-2 THRU 4-647001-9.
- 2 CONTACTS ACCEPT 24 AWG (0.2 mm²) TIN PLATED SOLID, CONCENTRIC FUSED STRANDED, OR CONCENTRIC STRANDED (7 AND 19 STRAND) WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
- 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.
- ACCESSORIES:
REPLACEMENT IDC CONTACTS: 647031-1.
COVERS: SEE TABLE
- QUANTITY OF CENTRALLY POSITIONED RAILS VARIES WITH CIRCUIT SIZE. (SEE TABLE)
LOCATION MAY DIFFER FROM EXAMPLE SHOWN.
- 6 DIMENSIONS IN BRACKETS ARE IN INCHES.
- SIMILAR SIZED LOCK AND SINGLE TAB USED OR CIRCUITS 4 & 5.
- QUANTITY OF GUSSET RIBS VARIES WITH CIRCUIT SIZE (SEE TABLE).
LOCATION MAY DIFFER FROM EXAMPLE SHOWN.
- INNER END RAIL PAIR NOT PRESENT FOR CIRCUIT SIZES 2 OR 3.
- CIRCUIT ID MAY APPEAR FULLY NUMBERED OR SHOWING LOCATION 1 ONLY DEPENDING ON CIRCUIT SIZE.
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. CARPENTER 07AUG2003		TE Connectivity
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 07AUG2003		NAME MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 24 AWG
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 07AUG2003	PRODUCT SPEC	
0 PLC ± -			APPLICATION SPEC	
1 PLC ± -			WEIGHT	
2 PLC ± 0.20 [.007]			SIZE	A1
3 PLC ± -			CAGE CODE	647001
4 PLC ± -			DRAWING NO	00779
ANGLES ± -			RESTRICTED TO	
MATERIAL	FINISH	CUSTOMER DRAWING		SCALE 5:1 SHEET 1 OF 2 REV E3

QTY OF GUSSET RIBS	QTY OF CENTRAL RAILS	MM	IN	MM	IN	MM	IN	NO. OF CIRCUITS	PART NO		
4	2	45.72	1.800	48.94	1.927	50.80	2.000	19	4-647001-9		
4	2	43.18	1.700	46.40	1.827	48.26	1.900	18	4-647001-8		
4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647001-7		
4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647001-6		
4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647001-5		
4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647001-4		
4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647001-3		
2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647001-2		
2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647001-1		
2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647001-0		
2	1	20.32	.800	23.54	.927	25.40	1.000	9	3-647001-9		
2	0	17.78	.700	21.00	.827	22.86	.900	8	3-647001-8		
0	0	15.24	.600	18.46	.727	20.32	.800	7	3-647001-7		
0	0	12.70	.500	15.92	.627	17.78	.700	6	3-647001-6		
0	0	10.16	.400	13.38	.527	15.24	.600	5	3-647001-5		
0	0	7.62	.300	10.84	.427	12.70	.500	4	3-647001-4		
0	0	5.08	.200	8.30	.327	10.16	.400	3	3-647001-3		
0	0	2.54	.100	5.76	.227	7.62	.300	2	3-647001-2		
4	2	45.72	1.800	48.94	1.927	50.80	2.000	19	4-647001-9		
4	2	43.18	1.700	46.40	1.827	48.26	1.900	18	4-647001-8		
4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647001-7		
4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647001-6		
4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647001-5		
4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647001-4		
4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647001-3		
2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647001-2		
2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647001-1		
2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647001-0		
2	1	20.32	.800	23.54	.927	25.40	1.000	9	4-647001-9		
2	0	17.78	.700	21.00	.827	22.86	.900	8	4-647001-8		
0	0	15.24	.600	18.46	.727	20.32	.800	7	4-647001-7		
0	0	12.70	.500	15.92	.627	17.78	.700	6	4-647001-6		
0	0	10.16	.400	13.38	.527	15.24	.600	5	4-647001-5		
0	0	7.62	.300	10.84	.427	12.70	.500	4	4-647001-4		
0	0	5.08	.200	8.30	.327	10.16	.400	3	4-647001-3		
0	0	2.54	.100	5.76	.227	7.62	.300	2	4-647001-2		
DUST COVER	STRAIN RELIEF COVERS	MM		IN		MM		IN		NO. OF CIRCUITS	PART NO
4	ACCESSORIES	8		5		C		B		A	

▲ SUPERCEDED

▲ SUPERCEDED

▲ SUPERCEDED

○ OBSOLETE

▲ SUPERCEDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIN S. CARPENTER 07AUG2003
 CHK: D. BOSSI 07AUG2003
 APVD: D. BOSSI 07AUG2003

TE Connectivity

MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 24 AWG

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 647001

WEIGHT: -

CUSTOMER DRAWING SCALE: 1:1 SHEET 2 OF 2 REV E3

