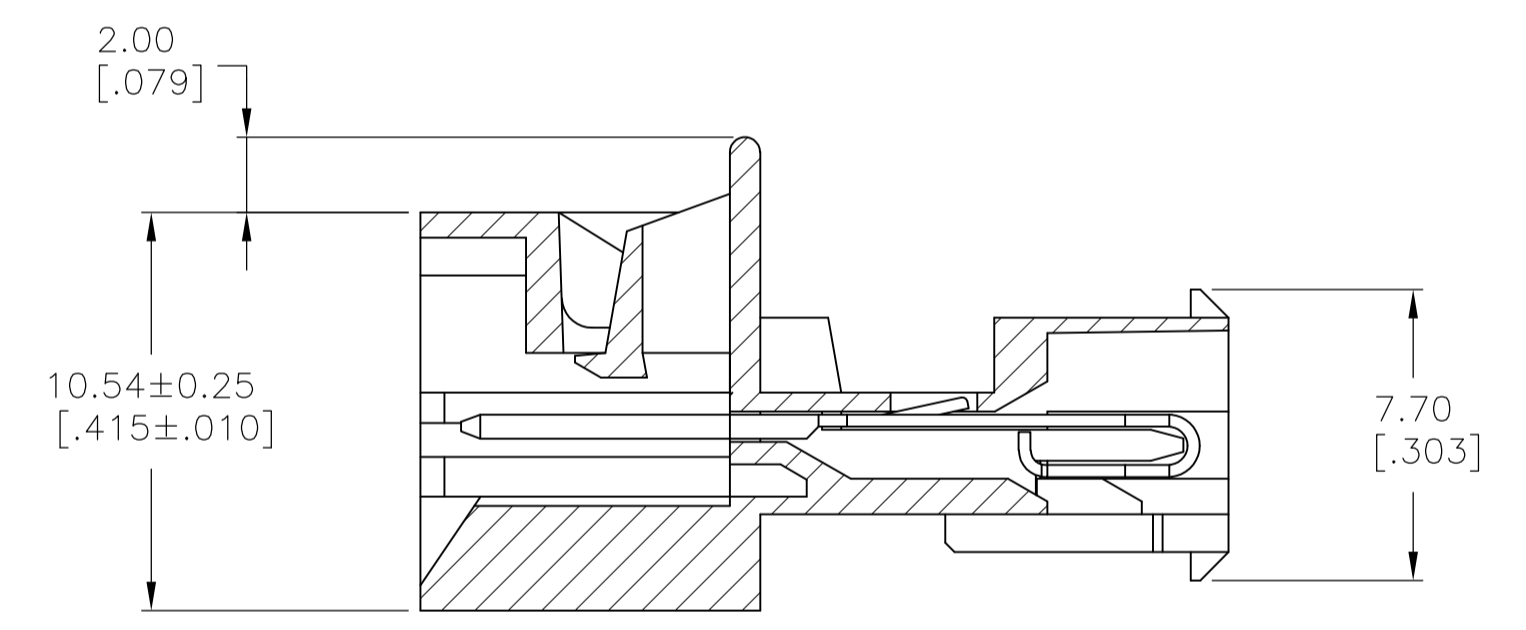
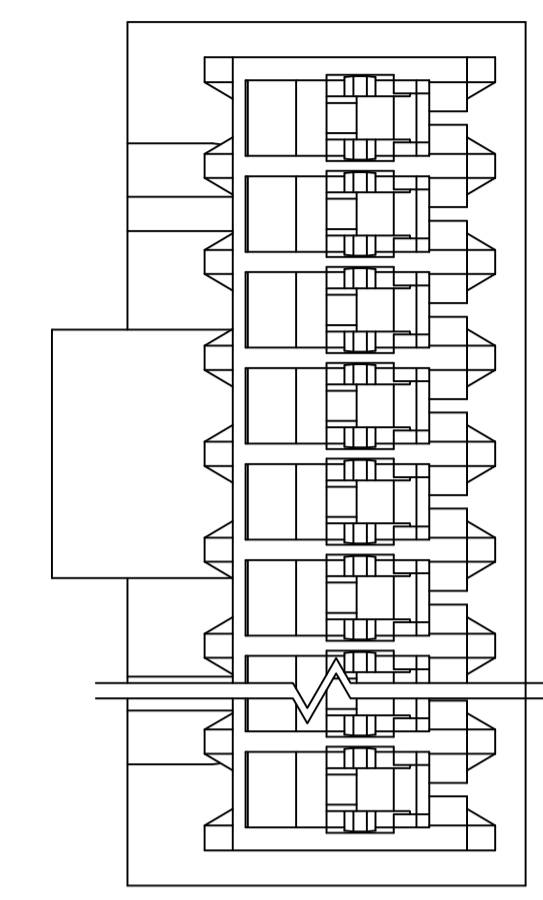
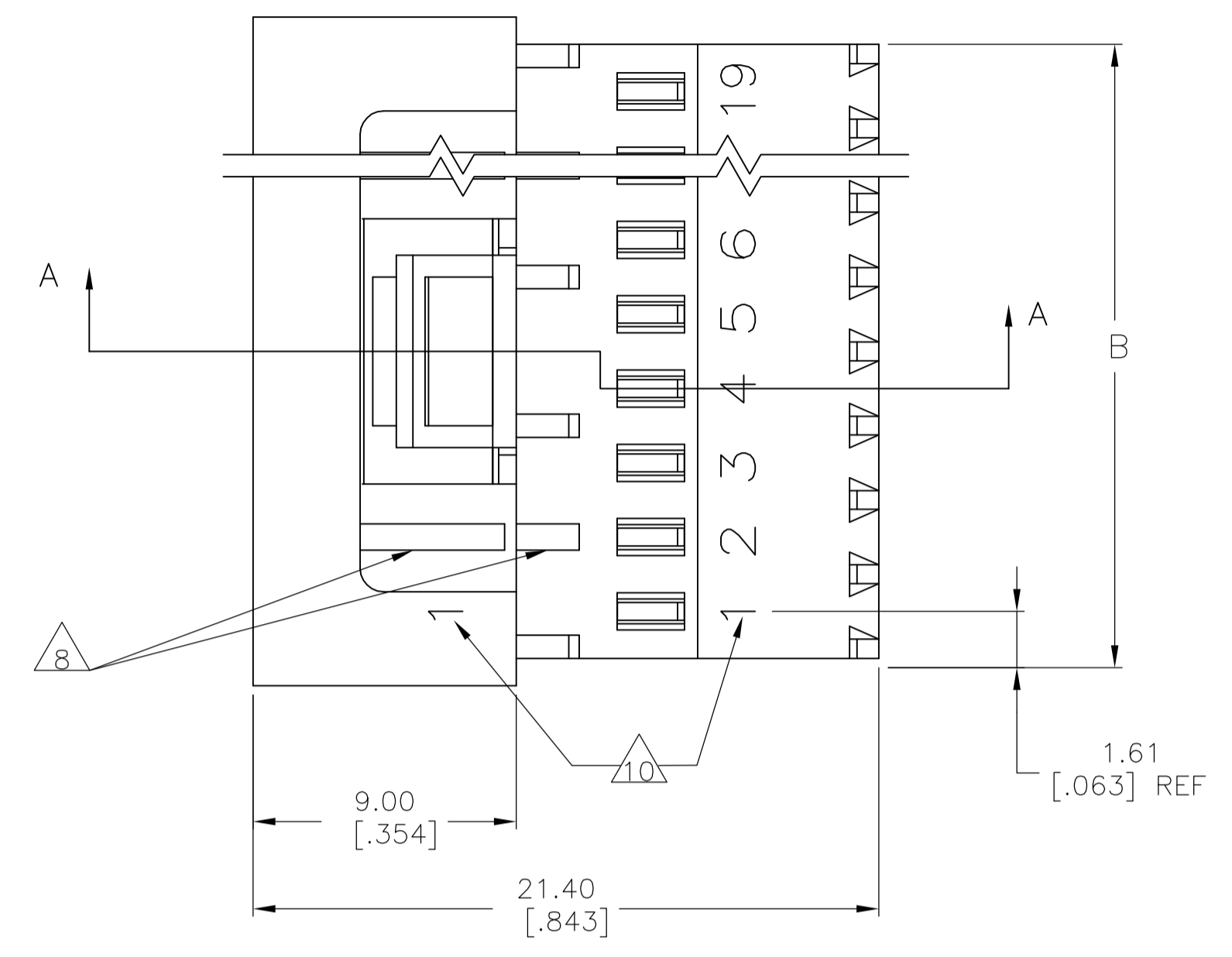
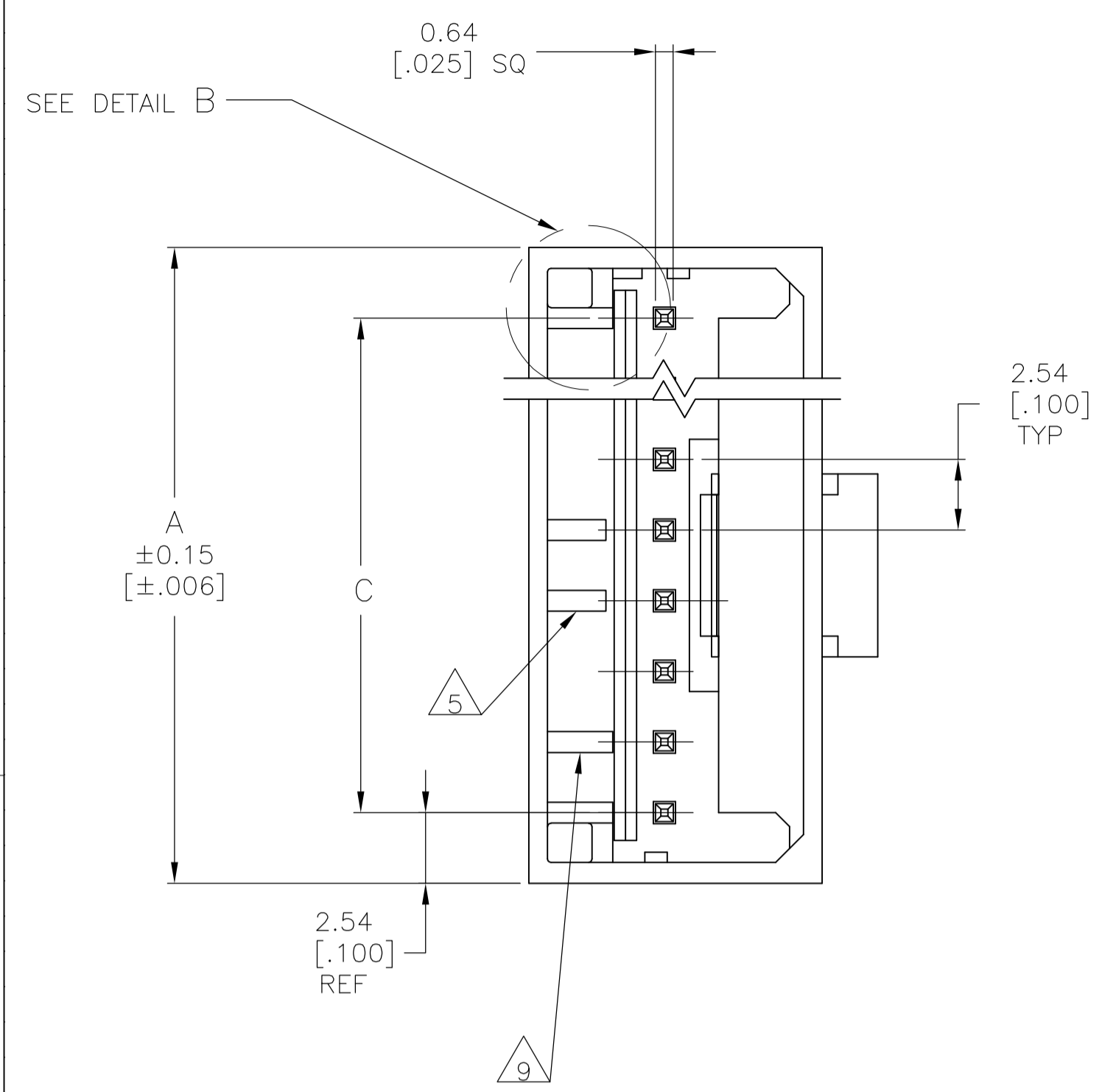
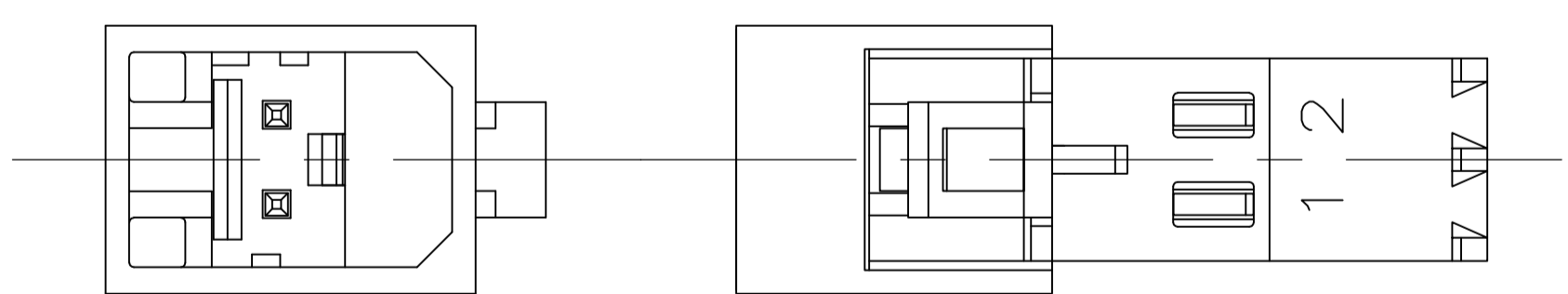


LOC		DIST		REVISIONS			
CM	00	REV	DATE	BY	CHK	APPV	
D1	RECEIVED PER	ECO-08-013568	02JUN08	HMR	DB		

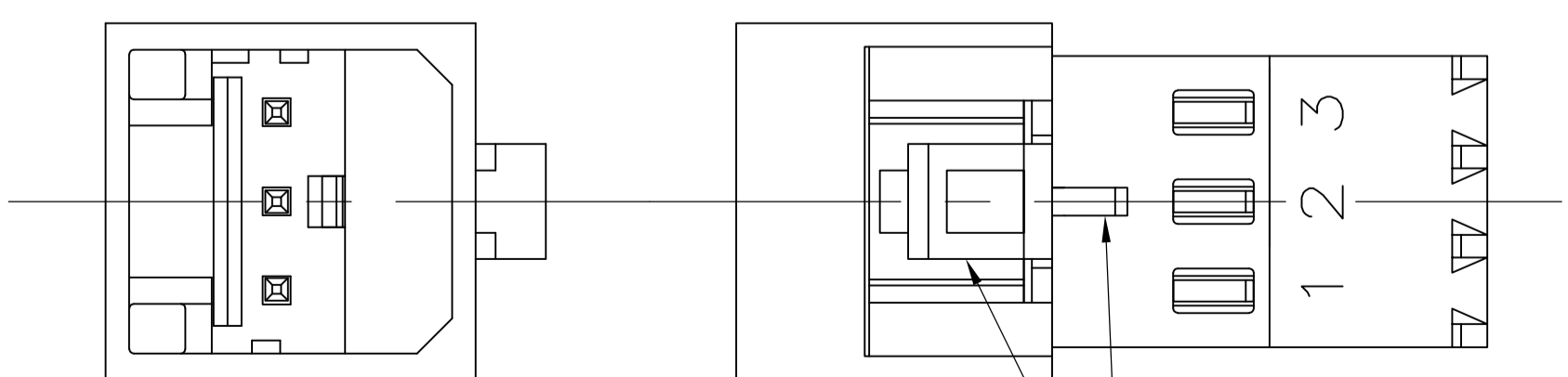


SECTION A-A

2 CIRCUIT



3 CIRCUIT



DETAIL A

DETAIL B
 SCALE 10:1
 ALTERNATE CONFIGURATION

- 1 MATERIAL:
 HOUSING- NYLON UL94V-2 (GREEN).
 CONTACTS- 0.30 [.012] THK COPPER ALLOY
 PLATING : BRIGHT TIN-LEAD FOR 0.00203[.000080] MIN THK FOR 647003-2 THRU 1-647003-9 OR MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647003-2 THRU 4-647003-9,
- 2 CONTACTS ACCEPT 28 AWG (0.08 - 0.09 mm²) TIN PLATED SOLID, CONCENTRIC FUSED STRANDED, OR CONCENTRIC STRANDED (7 STRANDS) 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: 647033-1.
 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.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. LEWIS 29--98	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK R. SWING 29--98	Tyco Electronics	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV J. FILLIS 29--98	NAME MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 28 AWG	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	SIZE	
2 PLC ± 0.20 [.007]	3 PLC ± -	APPLICATION SPEC	CAGE CODE	
4 PLC ± -	ANGLES ± -	WEIGHT	DRAWING NO	
FINISH		A1 00779		RESTRICTED TO
MATERIAL		CUSTOMER DRAWING		SCALE 5:1 SHEET 1 OF 2 REV D1

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	48.95	1.927	50.80	2.000	19	4-647003-9
4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	4-647003-8
4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647003-7
4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647003-6
4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647003-5
4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647003-4
4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647003-3
2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647003-2
2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647003-1
2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647003-0
2	1	20.32	.800	23.54	.927	25.40	1.000	9	3-647003-9
2	0	17.78	.700	21.00	.827	22.86	.900	8	3-647003-8
0	0	15.24	.600	18.46	.727	20.32	.800	7	3-647003-7
0	0	12.70	.500	15.92	.627	17.78	.700	6	3-647003-6
0	0	10.16	.400	13.38	.527	15.24	.600	5	3-647003-5
0	0	7.62	.300	10.84	.427	12.70	.500	4	3-647003-4
0	0	5.08	.200	8.30	.327	10.16	.400	3	3-647003-3
0	0	2.54	.100	5.76	.227	7.62	.300	2	3-647003-2
4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	1-647003-9
4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	1-647003-8
4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	1-647003-7
4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	1-647003-6
4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	1-647003-5
4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	1-647003-4
4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	1-647003-3
2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	1-647003-2
2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	1-647003-1
2	1	22.86	.900	26.08	1.027	27.94	1.100	10	1-647003-0
2	1	20.32	.800	23.54	.927	25.40	1.000	9	647003-9
2	0	17.78	.700	21.00	.827	22.86	.900	8	647003-8
0	0	15.24	.600	18.46	.727	20.32	.800	7	647003-7
0	0	12.70	.500	15.92	.627	17.78	.700	6	647003-6
0	0	10.16	.400	13.38	.527	15.24	.600	5	647003-5
0	0	7.62	.300	10.84	.427	12.70	.500	4	647003-4
0	0	5.08	.200	8.30	.327	10.16	.400	3	647003-3
0	0	2.54	.100	5.76	.227	7.62	.300	2	647003-2
DUST COVER	STRAIN RELIEF COVERS								
4	ACCESSORIES								

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN B LEWIS 29--98	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ± -	1 PLC ± -	29--98	
2 PLC ± -	3 PLC ± -	APVD J. ELLIS	MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 28 AWG
4 PLC ± -	ANGLES ± -	NAME	
MATERIAL	FINISH	APPLICATION SPEC	SIZE CASE CODE DRAWING NO
		WEIGHT	A1 00779C=647003
		CUSTOMER DRAWING	SCALE 1:1 SHEET 2 OF 2 REV D1

METRIC