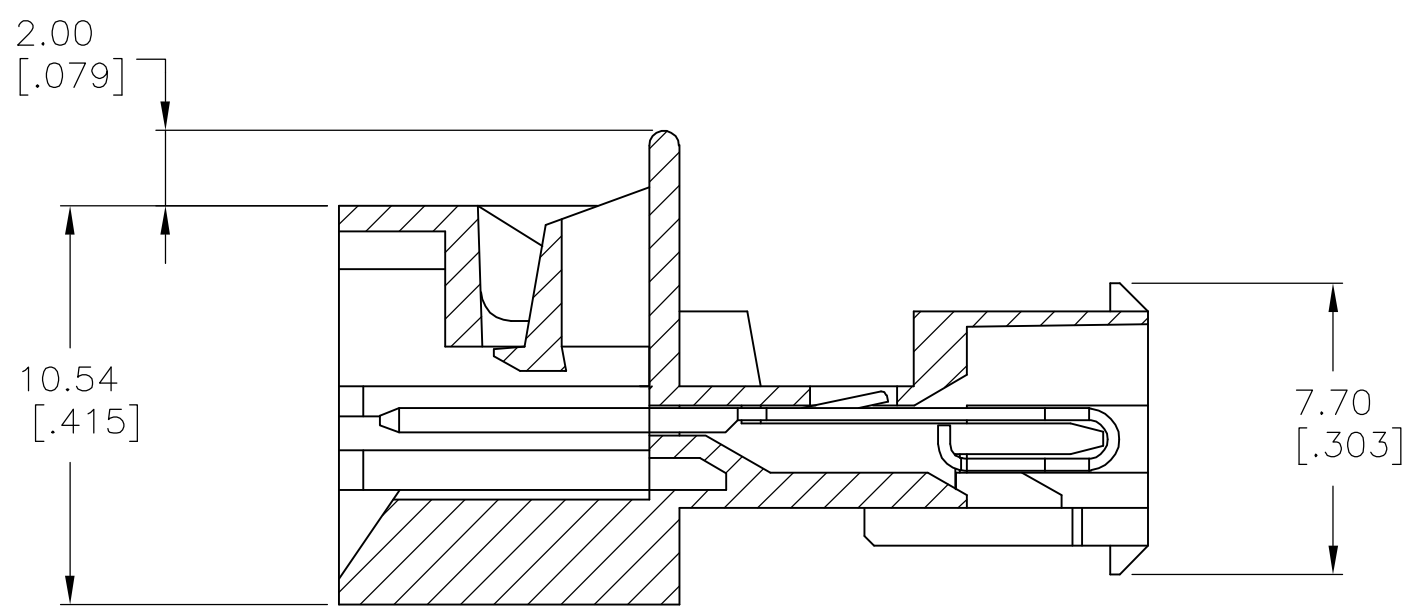
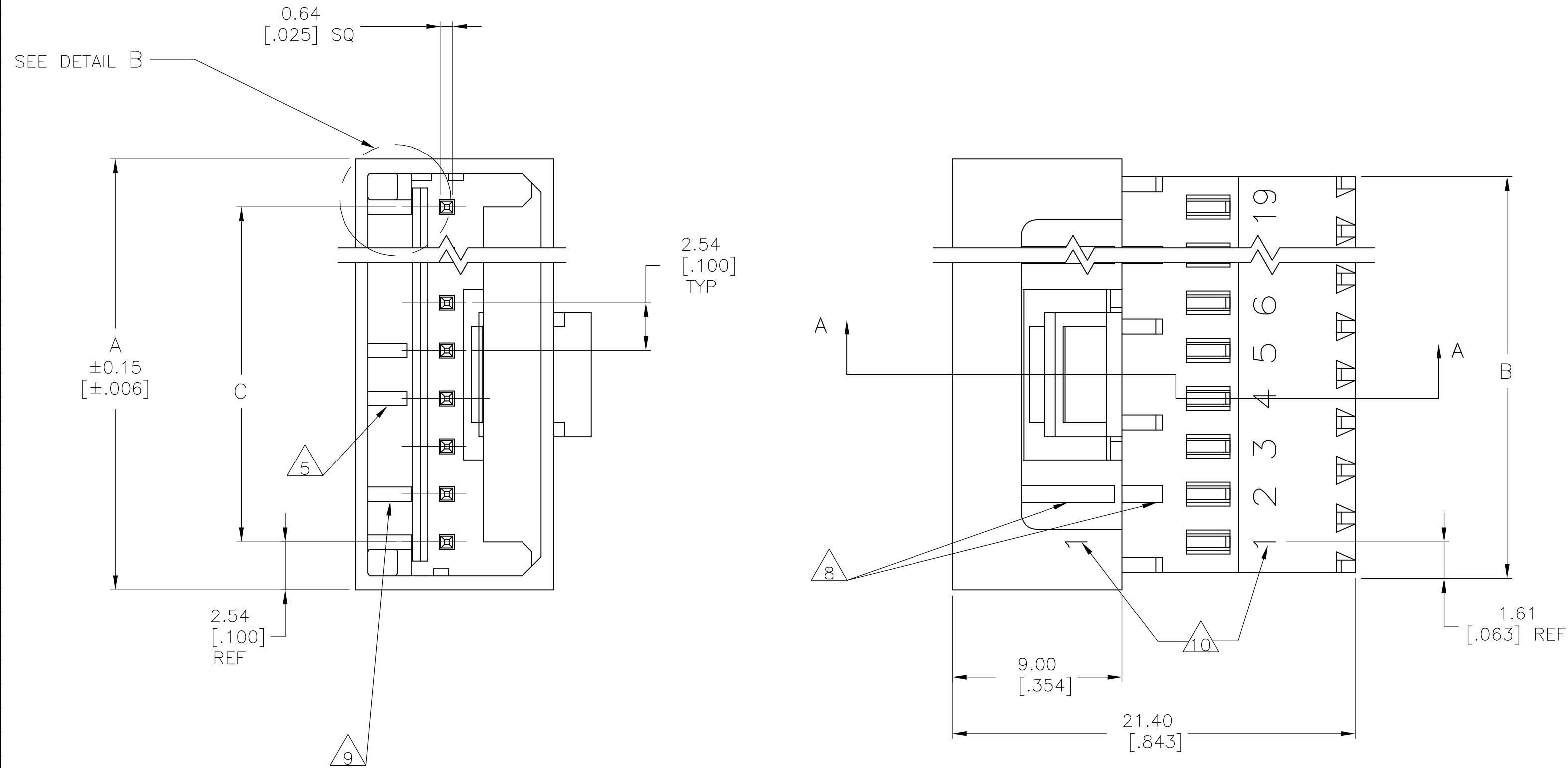
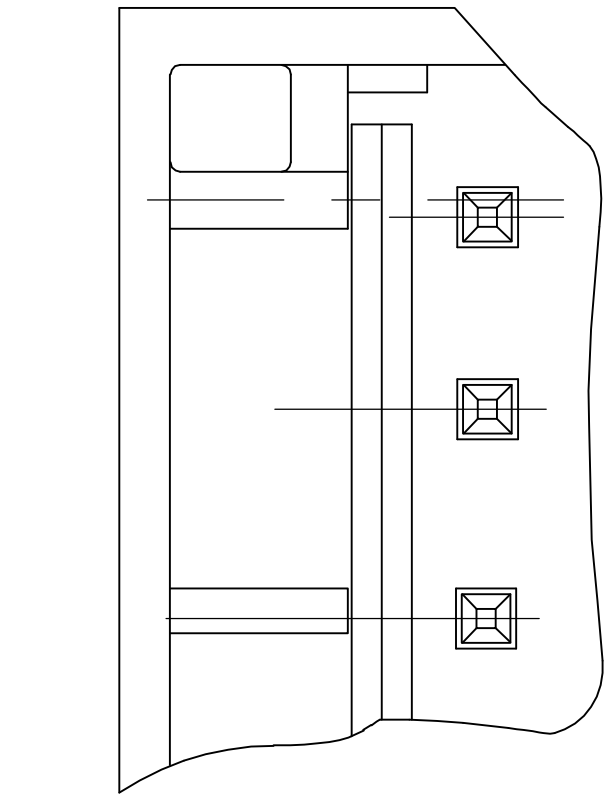
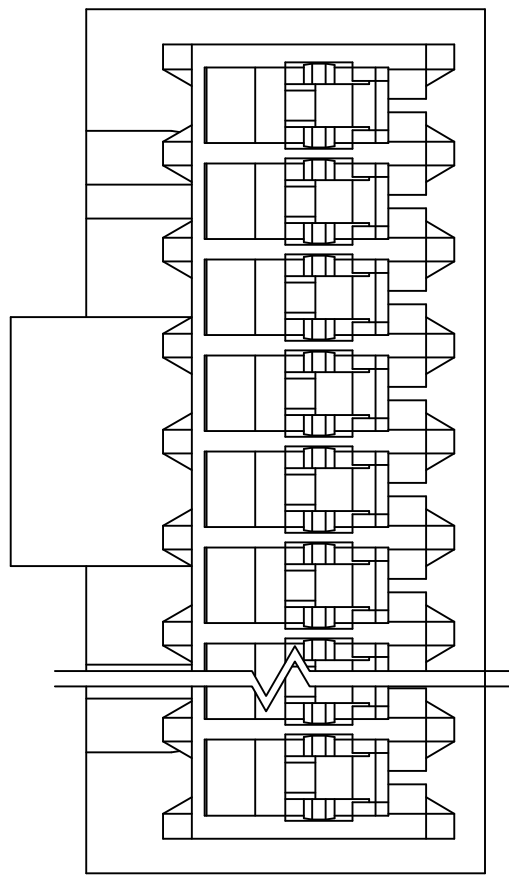


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
CM	00	A		RELEASED PER WR-06-060	17AUG06	KW DB



SECTION A-A



DETAIL B
SCALE 10:1
ALTERNATE CONFIGURATION

- 1 MATERIAL: HOUSING- NYLON UL94V-2 (RED).
CONTACTS- 0.30 [.012] THK COPPER ALLOY
PLATING : MATTE TIN WHISKER MITIGATED
0.00203[.000080] MIN THK.
2. CONTACTS ACCEPT 22 AWG (0.3 - 0.4 mm²) 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: 647030-1.
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
FOR 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.

2 CIRCUIT

3 CIRCUIT

DETAIL A

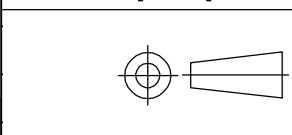
METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER 17AUG2006	tyco <i>Electronics</i>	Tyco Electronics Corporation Harriaburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 17AUG2006		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 17AUG2006		MTA-100 POSTED CONNECTOR ASSEMBLY,CLOSED END,22 AWG,TIN	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC		SIZE A1	CAGE CODE 00779
MATERIAL 1		FINISH 1	WEIGHT -		DRAWING NO 1744248
CUSTOMER DRAWING		SCALE 5:1		SHEET 1	OF 2
				REV A	

LOC	DIST	REVISIONS				
CM	00	P	LTR	DESCRIPTION	DATE	OWN
		—	—	SEE SHEET 1	—	—

PRELIMINARY	1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	4-1744248-9
PRELIMINARY	1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	4-1744248-8
PRELIMINARY	1-640642-7	1-643077-7	4	2	40.64	1.600	43.87	1.727	45.72	1.800	17	4-1744248-7
PRELIMINARY	1-640642-6	1-643077-6	4	2	38.10	1.500	41.33	1.627	43.18	1.700	16	4-1744248-6
PRELIMINARY	1-640642-5	1-643077-5	4	2	35.56	1.400	38.79	1.527	40.64	1.600	15	4-1744248-5
PRELIMINARY	1-640642-4	1-643077-4	4	2	33.02	1.300	36.25	1.427	38.10	1.500	14	4-1744248-4
PRELIMINARY	1-640642-3	1-643077-3	4	2	30.48	1.200	33.71	1.327	35.56	1.400	13	4-1744248-3
PRELIMINARY	1-640642-2	1-643077-2	2	1	27.94	1.100	31.17	1.227	33.02	1.300	12	4-1744248-2
PRELIMINARY	1-640642-1	1-643077-1	2	1	25.40	1.000	28.63	1.127	30.48	1.200	11	4-1744248-1
PRELIMINARY	1-640642-0	1-643077-0	2	1	22.86	.900	26.09	1.027	27.94	1.100	10	4-1744248-0
PRELIMINARY	640642-9	643077-9	2	1	20.32	.800	23.55	.927	25.40	1.000	9	3-1744248-9
PRELIMINARY	640642-8	643077-8	2	0	17.78	.700	21.01	.827	22.86	.900	8	3-1744248-8
PRELIMINARY	640642-7	643077-7	0	0	15.24	.600	18.47	.727	20.32	.800	7	3-1744248-7
PRELIMINARY	640642-6	643077-6	0	0	12.70	.500	15.93	.627	17.78	.700	6	3-1744248-6
PRELIMINARY	640642-5	643077-5	0	0	10.16	.400	13.39	.527	15.24	.600	5	3-1744248-5
PRELIMINARY	640642-4	643077-4	0	0	7.62	.300	10.85	.427	12.70	.500	4	3-1744248-4
	640642-3	643077-3	0	0	5.08	.200	8.31	.327	10.16	.400	3	3-1744248-3
PRELIMINARY	-	643077-2	0	0	2.54	.100	5.77	.227	7.62	.300	2	3-1744248-2
	DUST COVER	STRAIN RELIEF COVERS	QTY OF GUSSET RIBS	QTY OF CENTRAL RAILS	MM	IN	MM	IN	MM	IN	NO. OF CIRCUITS	PART NO
	ACCESSORIES				C		B		A			

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER	17AUG2006	tyco <i>Electronics</i>		Tyco Electronics Corporation Harriaburg, Pa 17105-3608				
DIMENSIONS: mm [INCHES]		CHK D. BOSSI	17AUG2006	APVD D. BOSSI		NAME				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		MTA-100 POSTED CONNECTOR ASSEMBLY,CLOSED END,22 AWG,TIN				
		0 PLC ± -		APPLICATION SPEC						
		1 PLC ± -		—						
		2 PLC ± -		—						
3 PLC ± -		4 PLC ± -		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL		FINISH		WEIGHT		A1 00779C=1744248		—		
CUSTOMER DRAWING				SCALE		5:1	SHEET	2 OF 2	REV	A