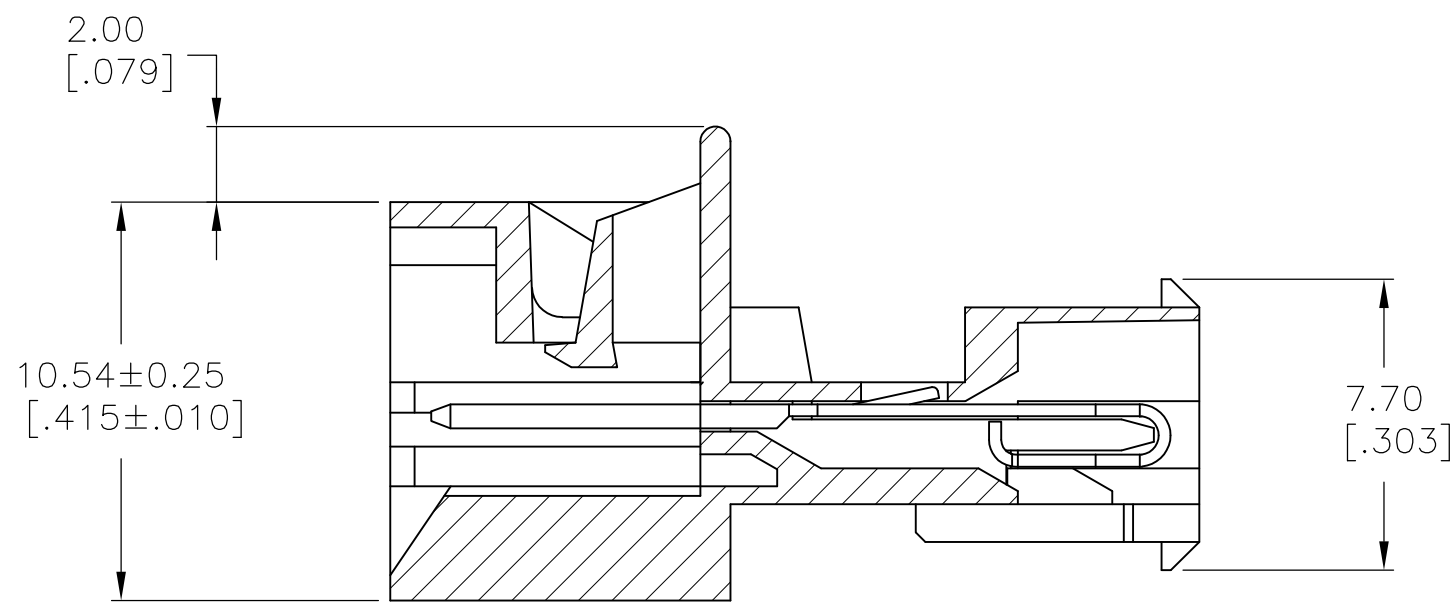
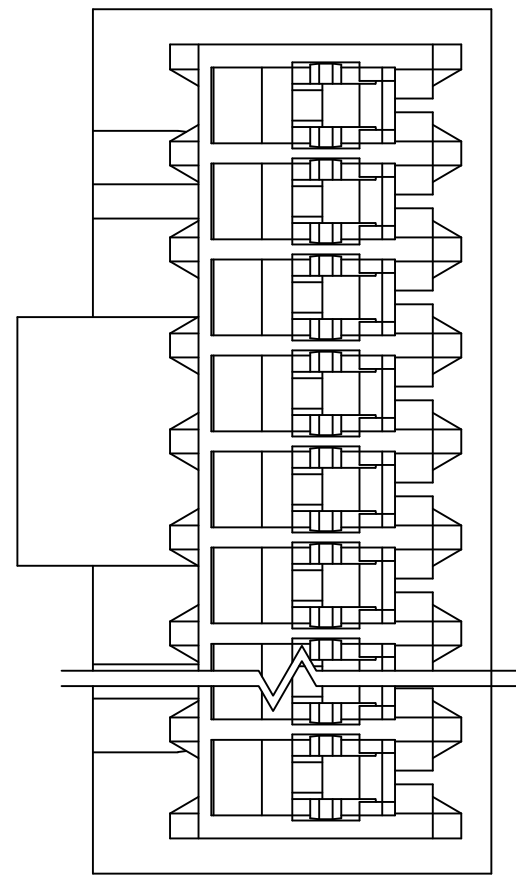
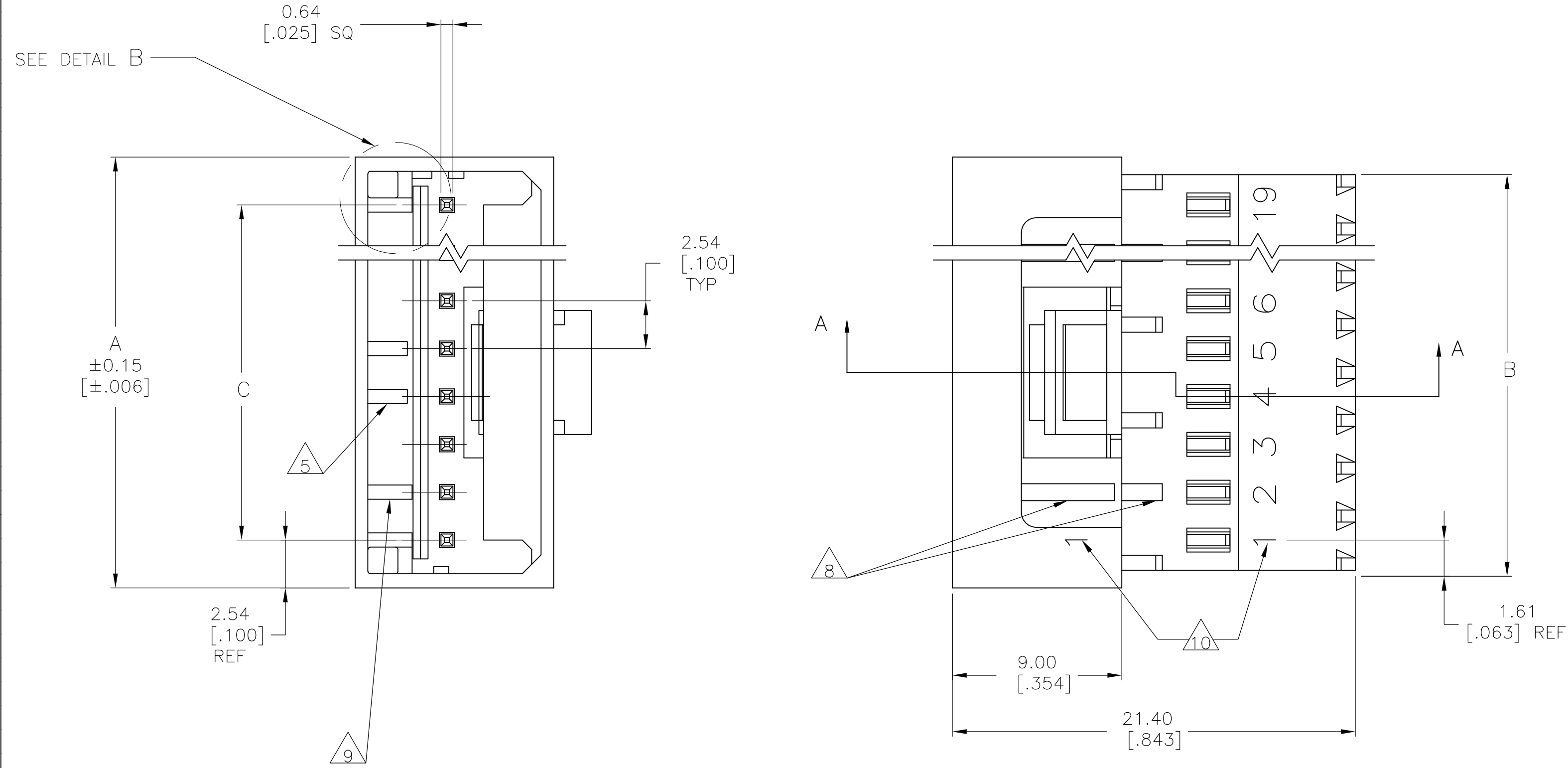
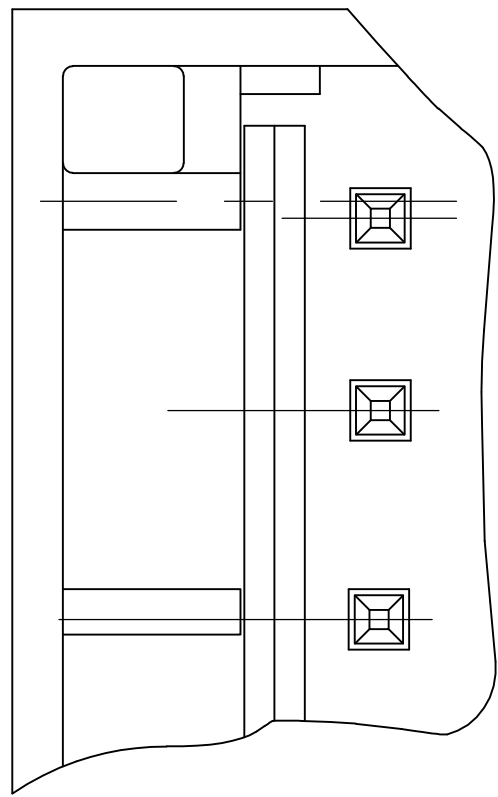


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00		G	REVISED PER ECO-12-007492	03AUG12	KH	SM

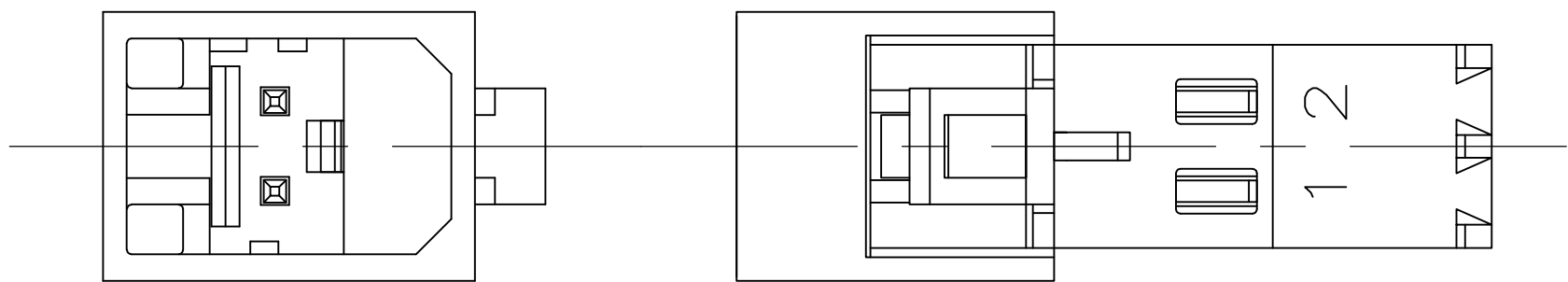


SECTION A-A

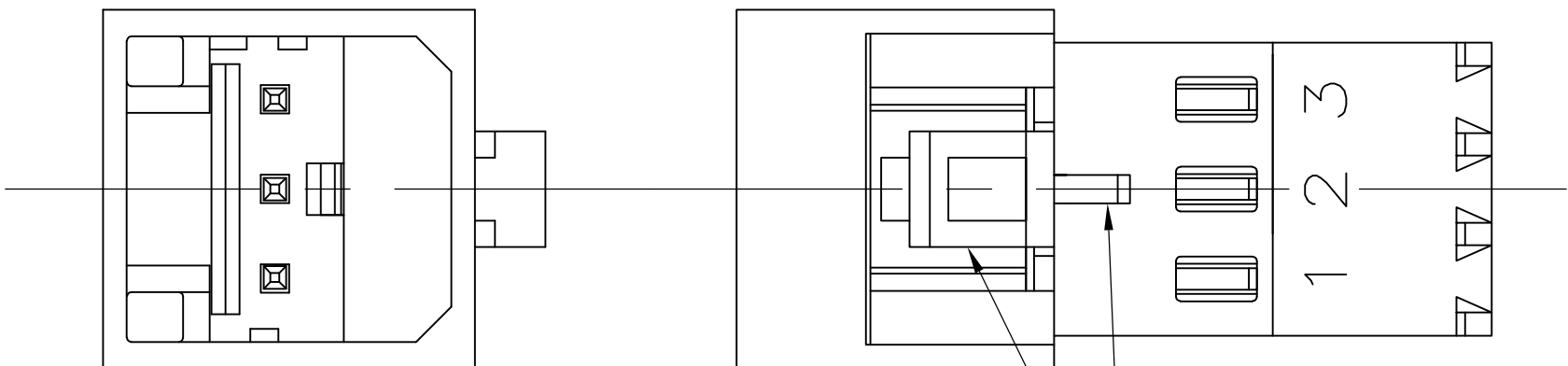


DETAIL B
SCALE 10:1
ALTERNATE CONFIGURATION

2 CIRCUIT



3 CIRCUIT



DETAIL A



- 1 MATERIAL:
HOUSING- NYLON UL94V-2 .
CONTACTS- 0.30 [.012] THK COPPER ALLOY
PLATING : BRIGHT TIN-LEAD FOR 0.00203[.000080] MIN
THK 647000-2 THRU 1-647000-9 OR MATTE TIN
0.00203[.000080] MIN THK. FOR 3-647000-2 THRU
4-647000-9,
- 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
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.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 28APR97	TE Connectivity	
		CHK R. SWING 28APR97		
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD E. REILES 28APR97	NAME MTA-100 POSTED CONNECTOR ASSEMBLY,CLOSED END,22 AWG,TIN	RESTRICTED TO
		PRODUCT SPEC		
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.007] 3 PLC ± - 4 PLC ± - ANGLES ± -	APPLICATION SPEC	SIZE A1	CAGE CODE 00779
		WEIGHT		
MATERIAL 1	FINISH 1	CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 2

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REVISONS

CM

00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

—

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1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	4-647000-9	
1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	4-647000-8	
1-640642-7	1-643077-7	4	2	40.64	1.600	43.87	1.727	45.72	1.800	17	4-647000-7	
1-640642-6	1-643077-6	4	2	38.10	1.500	41.33	1.627	43.18	1.700	16	4-647000-6	
1-640642-5	1-643077-5	4	2	35.56	1.400	38.79	1.527	40.64	1.600	15	4-647000-5	
1-640642-4	1-643077-4	4	2	33.02	1.300	36.25	1.427	38.10	1.500	14	4-647000-4	
1-640642-3	1-643077-3	4	2	30.48	1.200	33.71	1.327	35.56	1.400	13	4-647000-3	
1-640642-2	1-643077-2	2	1	27.94	1.100	31.17	1.227	33.02	1.300	12	4-647000-2	
1-640642-1	1-643077-1	2	1	25.40	1.000	28.63	1.127	30.48	1.200	11	4-647000-1	
1-640642-0	1-643077-0	2	1	22.86	.900	26.09	1.027	27.94	1.100	10	4-647000-0	
640642-9	643077-9	2	1	20.32	.800	23.55	.927	25.40	1.000	9	3-647000-9	
640642-8	643077-8	2	0	17.78	.700	21.01	.827	22.86	.900	8	3-647000-8	
640642-7	643077-7	0	0	15.24	.600	18.47	.727	20.32	.800	7	3-647000-7	
640642-6	643077-6	0	0	12.70	.500	15.93	.627	17.78	.700	6	3-647000-6	
640642-5	643077-5	0	0	10.16	.400	13.39	.527	15.24	.600	5	3-647000-5	
640642-4	643077-4	0	0	7.62	.300	10.85	.427	12.70	.500	4	3-647000-4	
640642-3	643077-3	0	0	5.08	.200	8.31	.327	10.16	.400	3	3-647000-3	
-	643077-2	0	0	2.54	.100	5.77	.227	7.62	.300	2	3-647000-2	
1 1 SUPERSEDED BY 4-647000-9	1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	1-647000-9
1 1 SUPERSEDED BY 4-647000-8	1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	1-647000-8
1 1 SUPERSEDED BY 4-647000-7	1-640642-7	1-643077-7	4	2	40.64	1.600	43.87	1.727	45.72	1.800	17	1-647000-7
1 1 OBSOLETE	1-640642-6	1-643077-6	4	2	38.10	1.500	41.33	1.627	43.18	1.700	16	1-647000-6
1 1 SUPERSEDED BY 4-647000-5	1-640642-5	1-643077-5	4	2	35.56	1.400	38.79	1.527	40.64	1.600	15	1-647000-5
1 1 SUPERSEDED BY 4-647000-3	1-640642-4	1-643077-4	4	2	33.02	1.300	36.25	1.427	38.10	1.500	14	1-647000-4
1 1 SUPERSEDED BY 4-647000-1	1-640642-3	1-643077-3	4	2	30.48	1.200	33.71	1.327	35.56	1.400	13	1-647000-3
1 1 SUPERSEDED BY 4-647000-1	1-640642-2	1-643077-2	2	1	27.94	1.100	31.17	1.227	33.02	1.300	12	1-647000-2
1 1 SUPERSEDED BY 4-647000-1	1-640642-1	1-643077-1	2	1	25.40	1.000	28.63	1.127	30.48	1.200	11	1-647000-1
1 1 SUPERSEDED BY 3-647000-7	1-640642-0	1-643077-0	2	1	22.86	.900	26.09	1.027	27.94	1.100	10	1-647000-0
1 1 SUPERSEDED BY 3-647000-7	640642-9	643077-9	2	1	20.32	.800	23.55	.927	25.40	1.000	9	647000-9
1 1 SUPERSEDED BY 3-647000-7	640642-8	643077-8	2	0	17.78	.700	21.01	.827	22.86	.900	8	647000-8
1 1 SUPERSEDED BY 3-647000-7	640642-7	643077-7	0	0	15.24	.600	18.47	.727	20.32	.800	7	647000-7
1 1 SUPERSEDED BY 3-647000-7	640642-6	643077-6	0	0	12.70	.500	15.93	.627	17.78	.700	6	647000-6
1 1 SUPERSEDED BY 3-647000-7	640642-5	643077-5	0	0	10.16	.400	13.39	.527	15.24	.600	5	647000-5
1 1 SUPERSEDED BY 3-647000-7	640642-4	643077-4	0	0	7.62	.300	10.85	.427	12.70	.500	4	647000-4
1 1 SUPERSEDED BY 3-647000-7	640642-3	643077-3	0	0	5.08	.200	8.31	.327	10.16	.400	3	647000-3
1 1 SUPERSEDED BY 3-647000-7	-	643077-2	0	0	2.54	.100	5.77	.227	7.62	.300	2	647000-2
1 1 SUPERSEDED BY 3-647000-7	DUST COVER	STRAIN RELIEF COVERS	QTY OF GUSSET RIBS	QTY OF CENTRAL RAILS	MM	IN	MM	IN	MM	IN	NO. OF CIRCUITS	PART NO
1 1 SUPERSEDED BY 3-647000-7	4	ACCESSORIES	8	5	C	B	A					

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL 1

FINISH 1

DWN B. LEWIS 28APR97

CHK R. SWING 28APR97

APVD E. REILES 28APR97

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

1:1

SHEET

2

OF

2

REV

G

4805 (3/11)