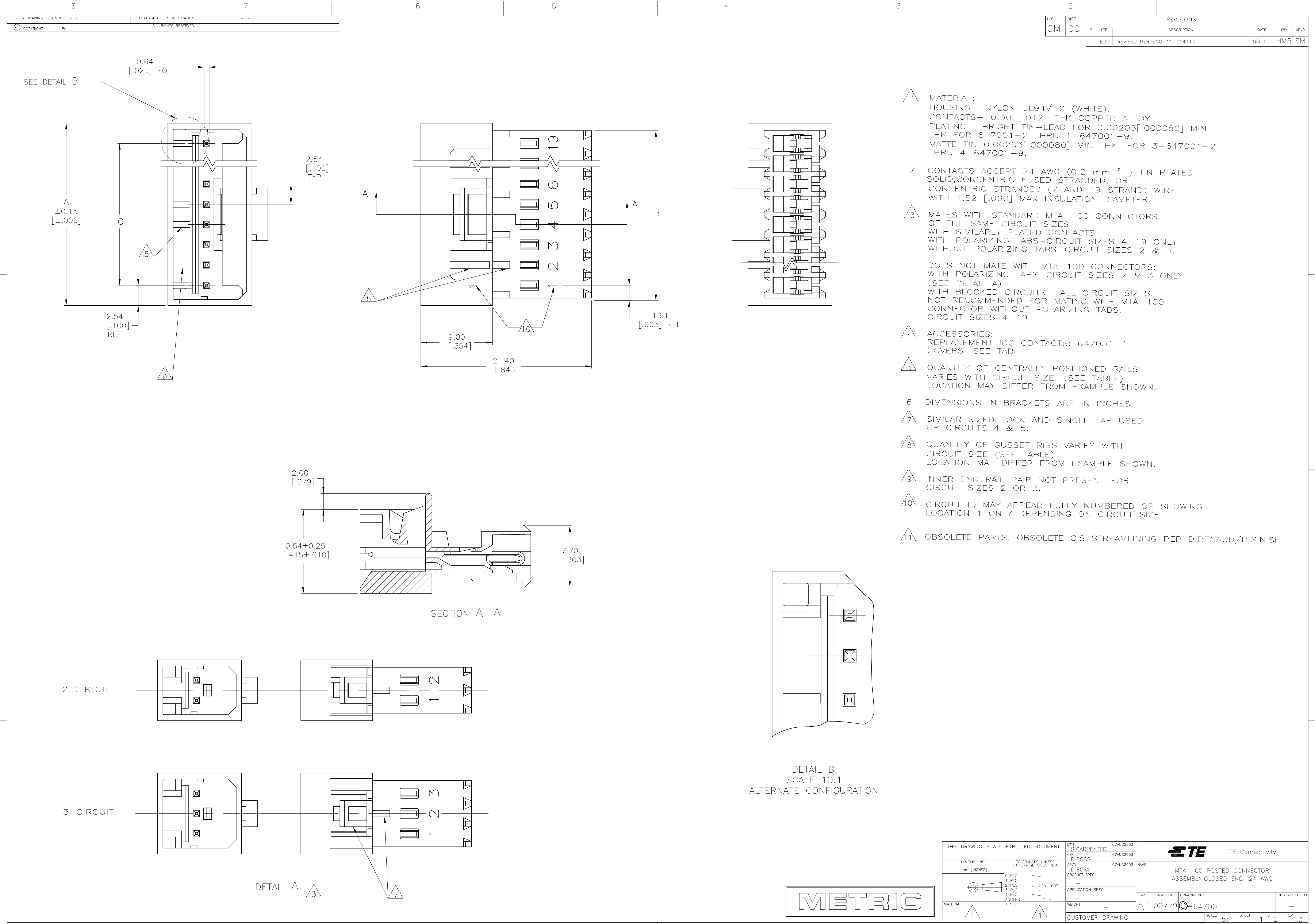




- 1 MATERIAL:
HOUSING— NYLON UL94V-2 (WHITE).
CONTACTS— 0.30 [.012] THK COPPER ALLOY
PLATING : BRIGHT TIN-LEAD FOR 0.00203[.000080] MIN THK FOR 647001-2 THRU 1-647001-9.
MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647001-2 THRU 4-647001-9;
- 2 CONTACTS ACCEPT 24 AWG (0.2 mm ²) TIN PLATED SOLID,CONCENTRIC 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: 647031-1.
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

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

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00		-	SEE SHEET 1	-	-	-

1-640642-9	1-643077-9	4	2	45.72	1.800	48.94	1.927	50.80	2.000	19	4-647001-9
1-640642-8	1-643077-8	4	2	43.18	1.700	46.40	1.827	48.26	1.900	18	4-647001-8
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647001-7
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647001-6
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647001-5
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647001-4
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647001-3
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647001-2
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647001-1
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647001-0
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	3-647001-9
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	3-647001-8
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	3-647001-7
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	3-647001-6
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	3-647001-5
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	3-647001-4
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	3-647001-3
-	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	3-647001-2
1-640642-9	1-643077-9	4	2	45.72	1.800	48.94	1.927	50.80	2.000	19	1-647001-9
1-640642-8	1-643077-8	4	2	43.18	1.700	46.40	1.827	48.26	1.900	18	1-647001-8
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	1-647001-7
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	1-647001-6
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	1-647001-5
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	1-647001-4
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	1-647001-3
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	1-647001-2
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	1-647001-1
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	1-647001-0
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	647001-9
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	647001-8
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	647001-7
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	647001-6
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	647001-5
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	647001-4
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	647001-3
-	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	647001-2
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	ACCESSORIES	8	5	C		B		A			

SUPERCEDED

SUPERCEDED
SUPERCEDED
OBSOLETE

SUPERCEDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

± -
± -
± -
± -
± -

ANGLES
± -

DWN
S. CARPENTER
CHK
D. BOSSI
APVD
D. BOSSI

07AUG2003
07AUG2003
07AUG2003

PRODUCT SPEC
APPLICATION SPEC

SIZE
CAGE CODE
DRAWING NO

RESTRICTED TO

MATERIAL
FINISH

WEIGHT

CUSTOMER DRAWING

TE Connectivity

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

00779
647001

SCALE 1:1
SHEET 2 OF 2
REV E3

4805 (3/11)