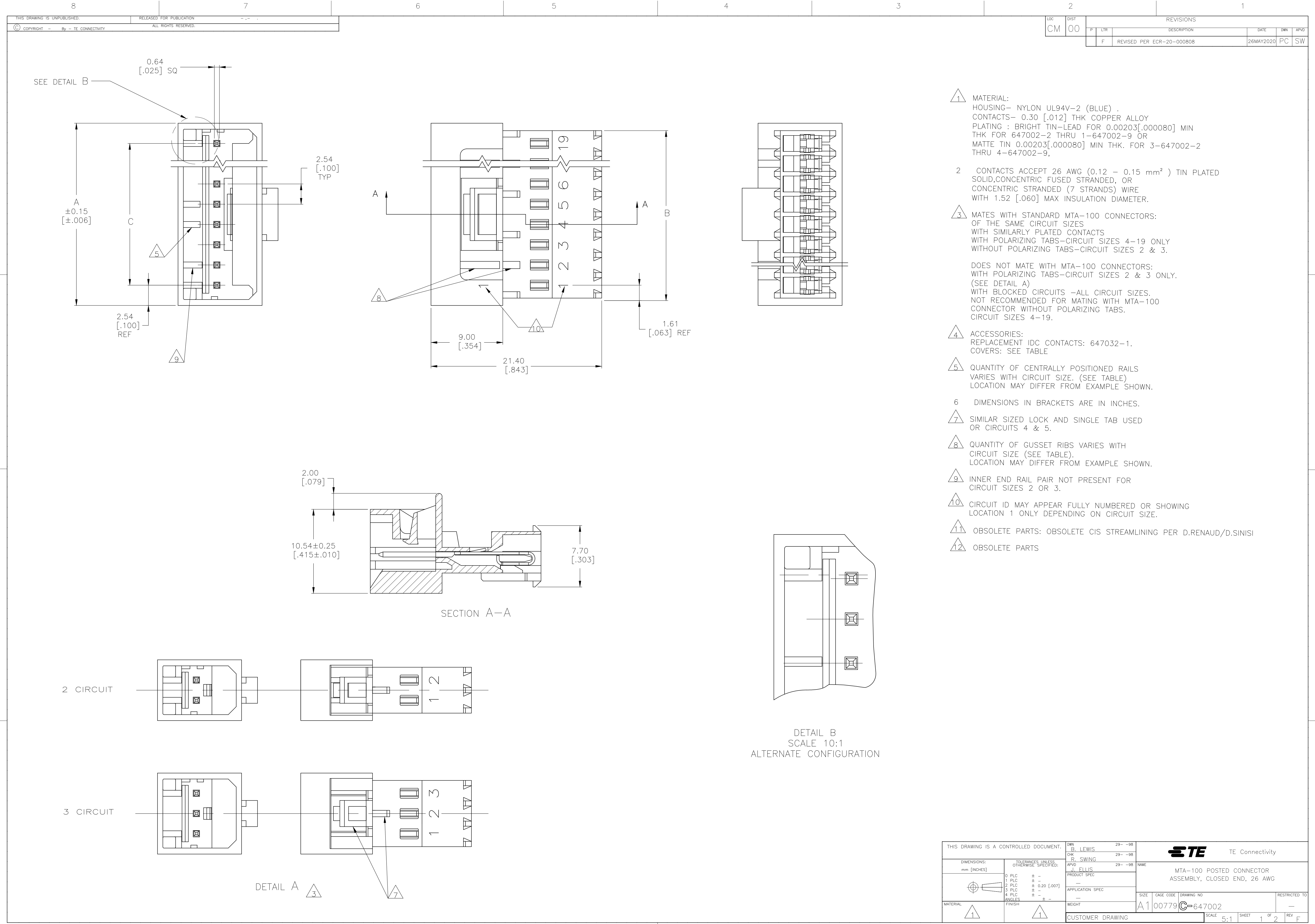




- 1 MATERIAL:
HOUSING- NYLON UL94V-2 (BLUE) .
CONTACTS- 0.30 [.012] THK COPPER ALLOY
PLATING : BRIGHT TIN-LEAD FOR 0.00203[.000080] MIN THK FOR 647002-2 THRU 1-647002-9 OR MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647002-2 THRU 4-647002-9,
- 2 CONTACTS ACCEPT 26 AWG (0.12 – 0.15 mm²) TIN PLATED SOLID,CONCENTRIC 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: 647032-1.
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 OBSOLETE PARTS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 29-- --98	TE Connectivity	
		CHK R. SWING 29-- --98		
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J. FLIJS 29-- --98	NAME	MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 26 AWG
	0 PLC ± -	PRODUCT SPEC	SIZE	CAGE CODE
	1 PLC ± -	APPLICATION SPEC	DRAWING NO	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A1 00779	647002
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 2	REV F

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

1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	4-647002-9
1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	4-647002-8
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	4-647002-7
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	4-647002-6
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	4-647002-5
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	4-647002-4
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	4-647002-3
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	4-647002-2
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	4-647002-1
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	4-647002-0
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	3-647002-9
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	3-647002-8
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	3-647002-7
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	3-647002-6
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	3-647002-5
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	3-647002-4
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	3-647002-3
—	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	3-647002-2
1-640642-9	1-643077-9	4	2	45.72	1.800	48.95	1.927	50.80	2.000	19	1-647002-9
1-640642-8	1-643077-8	4	2	43.18	1.700	46.41	1.827	48.26	1.900	18	1-647002-8
1-640642-7	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	1-647002-7
1-640642-6	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	1-647002-6
1-640642-5	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	1-647002-5
1-640642-4	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	1-647002-4
1-640642-3	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	1-647002-3
1-640642-2	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	1-647002-2
1-640642-1	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	1-647002-1
1-640642-0	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	1-647002-0
640642-9	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	647002-9
640642-8	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	647002-8
640642-7	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	647002-7
640642-6	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	647002-6
640642-5	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	647002-5
640642-4	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	647002-4
640642-3	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	647002-3
—	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	647002-2
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					

11

SUPERCEDED

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SUPERCEDED

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SUPERCEDED

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SUPERCEDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

1

DWN B. LEWIS 29- -98
CHK R. SWING 29- -98
APVD J. FLIJS 29- -98
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 26 AWG

SIZE A1
CAGE CODE 00779
DRAWING NO 647002
RESTRICTED TO -

CUSTOMER DRAWING

SCALE 5:1

SHEET 2 OF 2

REV F