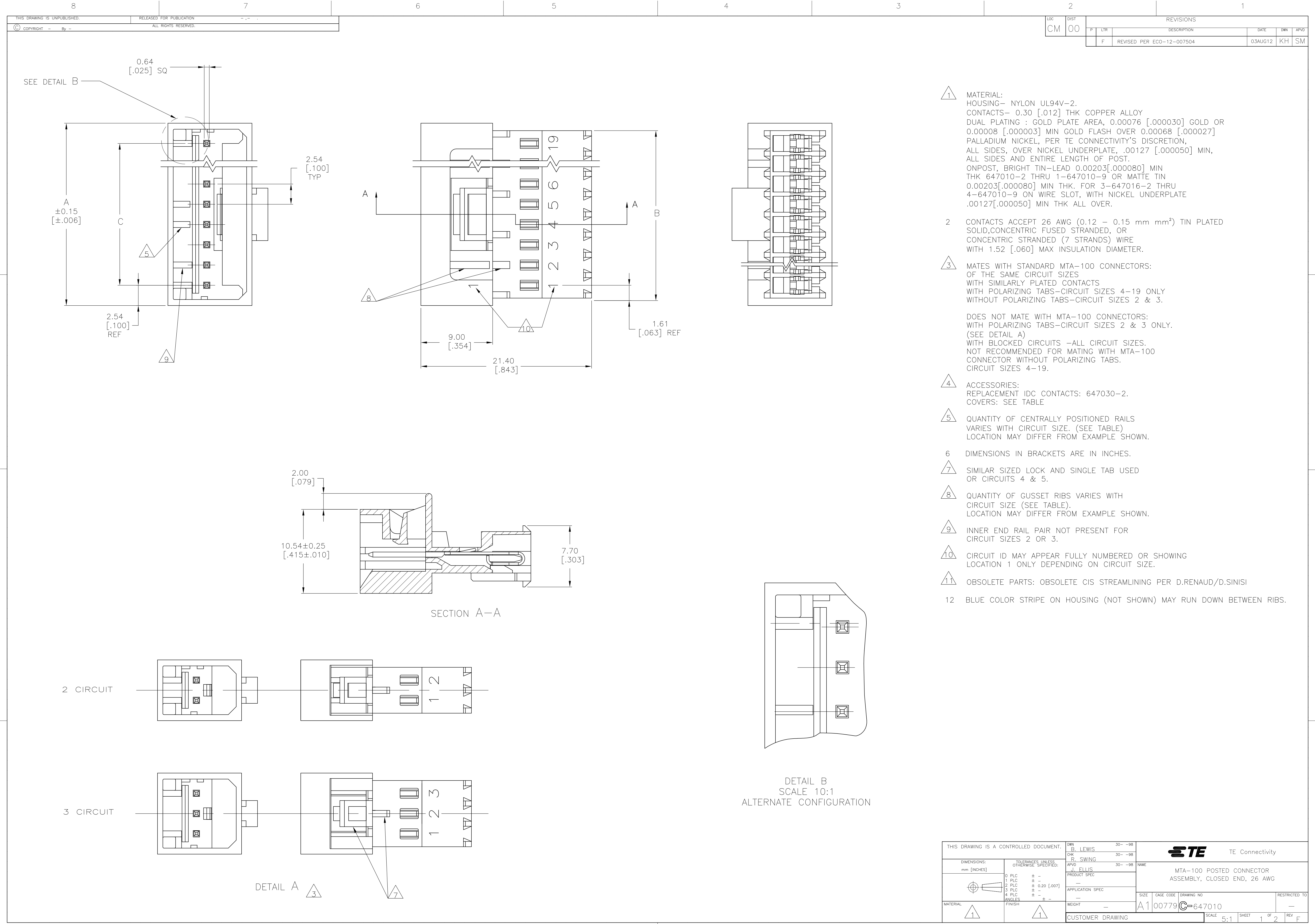
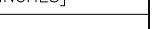




LOC		DIST		REVISIONS			
F	LTR	DESCRIPTION		DATE	DWN	T	APVD
	F	REVISED PER ECO-12-007504		03AUG12	KH		SM

- 1 MATERIAL:
HOUSING- NYLON UL94V-2.
CONTACTS- 0.30 [.012] THK COPPER ALLOY
DUAL PLATING : GOLD PLATE AREA, 0.00076 [.000030] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00068 [.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
ONPOST, BRIGHT TIN-LEAD 0.00203[.000080] MIN THK 647010-2 THRU 1-647010-9 OR MATTE TIN 0.00203[.000080] MIN THK. FOR 3-647016-2 THRU 4-647010-9 ON WIRE SLOT, WITH NICKEL UNDERPLATE .00127[.000050] MIN THK ALL OVER.
- 2 CONTACTS ACCEPT 26 AWG (0.12 – 0.15 mm 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: 647030-2.
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 BLUE COLOR STRIPE ON HOUSING (NOT SHOWN) MAY RUN DOWN BETWEEN RIBS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 30-- -98	 TE Connectivity	
		CHK R. SWING 30-- -98		
DIMENSIONS: mm [INCHES]		APVD J. FLIJS 30-- -98	NAME	
		PRODUCT SPEC		MTA-100 POSTED CONNECTOR ASSEMBLY, CLOSED END, 26 AWG
		APPLICATION SPEC		
MATERIAL		SIZE	CAGE CODE	DRAWING NO
		—	A1	00779
FINISH		WEIGHT	RESTRICTED TO	
		—	A100779C647010	
CUSTOMER DRAWING		SCALE	SHEET	REV
		5:1	1 OF 2	F

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

1-640642-9

1-643077-9

4

2

45.72

1.800

48.95

1.927

50.80

2.000

19

4-647010-9

1-640642-8

1-643077-8

4

2

43.18

1.700

46.41

1.827

48.26

1.900

18

4-647010-8

1-640642-7

1-643077-7

4

2

40.64

1.600

43.86

1.727

45.72

1.800

17

4-647010-7

1-640642-6

1-643077-6

4

2

38.10

1.500

41.32

1.627

43.18

1.700

16

4-647010-6

1-640642-5

1-643077-5

4

2

35.56

1.400

38.78

1.527

40.64

1.600

15

4-647010-5

1-640642-4

1-643077-4

4

2

33.02

1.300

36.24

1.427

38.10

1.500

14

4-647010-4

1-640642-3

1-643077-3

4

2

30.48

1.200

33.70

1.327

35.56

1.400

13

4-647010-3

1-640642-2

1-643077-2

2

1

27.94

1.100

31.16

1.227

33.02

1.300

12

4-647010-2

1-640642-1

1-643077-1

2

1

25.40

1.000

28.62

1.127

30.48

1.200

11

4-647010-1

1-640642-0

1-643077-0

2

1

22.86

.900

26.08

1.027

27.94

1.100

10

4-647010-0

640642-9

643077-9

2

1

20.32

.800

23.54

.927

25.40

1.000

9

3-647010-9

640642-8

643077-8

2

0

17.78

.700

21.00

.827

22.86

.900

8

3-647010-8

640642-7

643077-7

0

0

15.24

.600

18.46

.727

20.32

.800

7

3-647010-7

640642-6

643077-6

0

0

12.70

.500

15.92

.627

17.78

.700

6

3-647010-6

640642-5

643077-5

0

0

10.16

.400

13.38

.527

15.24

.600

5

3-647010-5

640642-4

643077-4

0

0

7.62

.300

10.84

.427

12.70

.500

4

3-647010-4

640642-3

643077-3

0

0

5.08

.200

8.30

.327

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3

3-647010-3

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643077-2

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2.54

.100

5.76

.227

7.62

.300

2

3-647010-2

1-640642-9

1-643077-9

4

2

45.72

1.800

48.95

1.927

50.80

2.000

19

1-647010-9

1-640642-8

1-643077-8

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43.18

1.700

46.41

1.827

48.26

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1-647010-8

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1-643077-7

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2

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1.600

43.86

1.727

45.72

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1-643077-6

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1.700

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1-643077-5

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1-643077-0

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643077-6

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643077-5

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15.24

.600

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647010-5

640642-4

643077-4

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7.62

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10.84

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12.70

.500

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647010-4

640642-3

643077-3

0

0

5.08

.200

8.30

.327

10.16

.400

3

647010-3

-

643077-2

0

0

2.54

.100

5.76

.227

7.62

.300

2

647010-2

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

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

FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN B. LEWIS

CHK R. SWING

APVD J. FLIJS

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

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

SCALE 1:1

SHEET 2 OF 2

REV F

4805 (3/11)