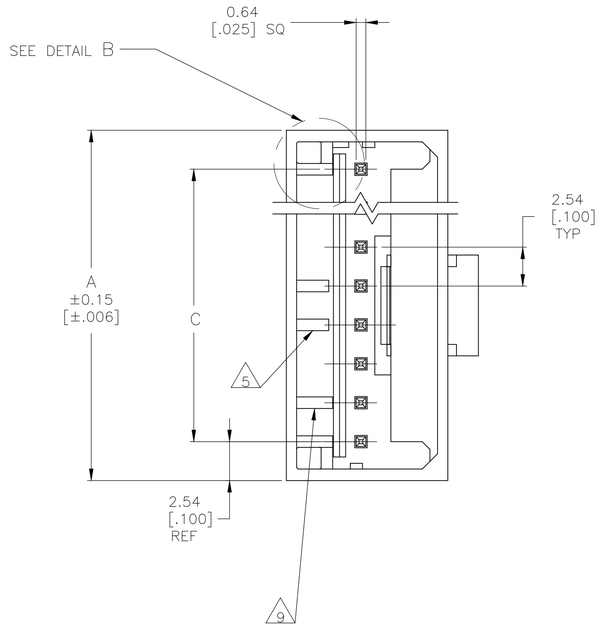
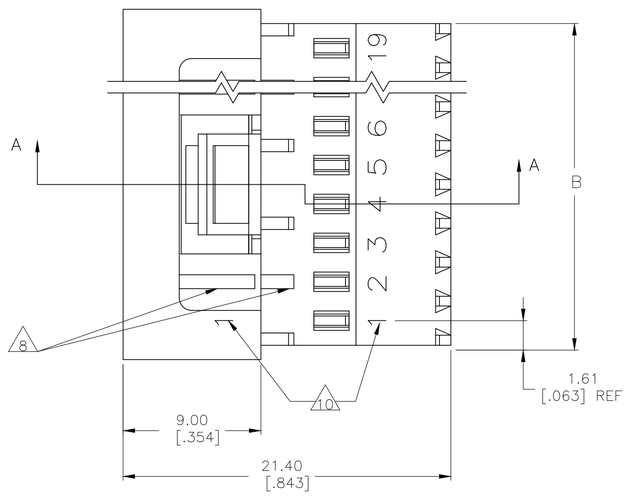
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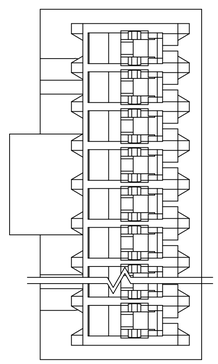
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER ECR-20-000808	22MAY2020	PC	SW







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.

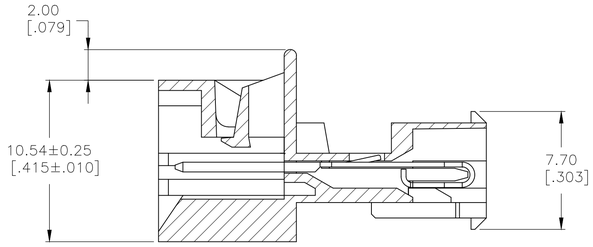
8. QUANTITY OF GUSSET RIBS VARIES WITH CIRCUIT SIZE (SEE TABLE).
LOCATION MAY DIFFER FROM EXAMPLE SHOWN.

9. INNER END RAIL PAIR NOT PRESENT FOR CIRCUIT SIZES 2 OR 3.

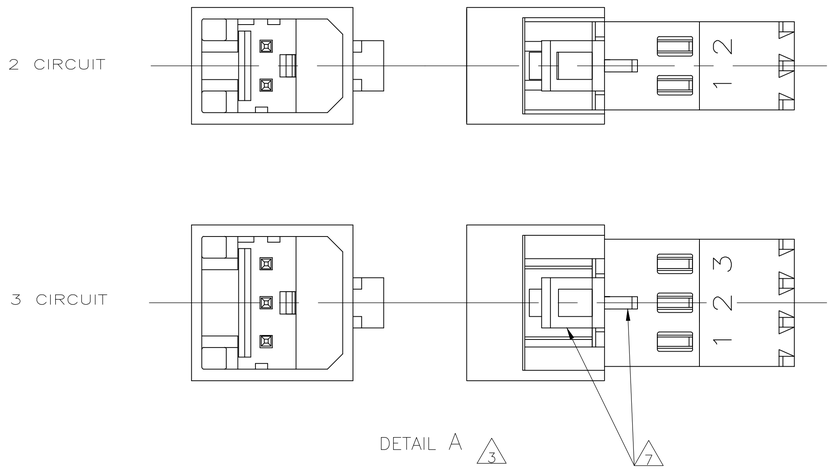
10. CIRCUIT ID MAY APPEAR FULLY NUMBERED OR SHOWING LOCATION 1 ONLY DEPENDING ON CIRCUIT SIZE.

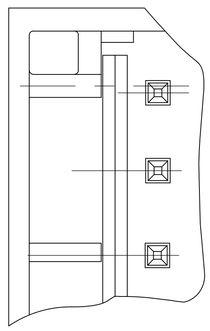
11. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

12. OBSOLETE PARTS



SECTION A-A





DETAIL B
SCALE 10:1
ALTERNATE CONFIGURATION

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

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LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	—	—

DUST COVER	STRAIN RELIEF COVERS	QTY OF GUSSET RIBS ⚠8	QTY OF CENTRAL RAILS ⚠5	C MM	C IN	B MM	B IN	A MM	A IN	NO. OF CIRCUITS	PART NO
⚠4 ACCESSORIES											
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 SUPERCEDED	1-643077-9	4	2	45.72	1.800	48.94	1.927	50.80	2.000	19	~~4-647001-9~~
	1-643077-8	4	2	43.18	1.700	46.40	1.827	48.26	1.900	18	~~4-647001-8~~
	1-643077-7	4	2	40.64	1.600	43.86	1.727	45.72	1.800	17	~~4-647001-7~~
	1-643077-6	4	2	38.10	1.500	41.32	1.627	43.18	1.700	16	~~4-647001-6~~
	1-643077-5	4	2	35.56	1.400	38.78	1.527	40.64	1.600	15	~~4-647001-5~~
	1-643077-4	4	2	33.02	1.300	36.24	1.427	38.10	1.500	14	~~4-647001-4~~
	1-643077-3	4	2	30.48	1.200	33.70	1.327	35.56	1.400	13	~~4-647001-3~~
	1-643077-2	2	1	27.94	1.100	31.16	1.227	33.02	1.300	12	~~4-647001-2~~
	1-643077-1	2	1	25.40	1.000	28.62	1.127	30.48	1.200	11	~~4-647001-1~~
	1-643077-0	2	1	22.86	.900	26.08	1.027	27.94	1.100	10	~~4-647001-0~~
	643077-9	2	1	20.32	.800	23.54	.927	25.40	1.000	9	~~647001-9~~
⚠2 SUPERCEDED	643077-8	2	0	17.78	.700	21.00	.827	22.86	.900	8	~~647001-8~~
⚠1 SUPERCEDED	643077-7	0	0	15.24	.600	18.46	.727	20.32	.800	7	~~647001-7~~
⚠1 SUPERCEDED	643077-6	0	0	12.70	.500	15.92	.627	17.78	.700	6	~~647001-6~~
OBSOLETE	643077-5	0	0	10.16	.400	13.38	.527	15.24	.600	5	~~647001-5~~
⚠2 SUPERCEDED	643077-4	0	0	7.62	.300	10.84	.427	12.70	.500	4	~~647001-4~~
⚠1 SUPERCEDED	643077-3	0	0	5.08	.200	8.30	.327	10.16	.400	3	~~647001-3~~
⚠2 SUPERCEDED	-	643077-2	0	0	2.54	.100	5.76	.227	7.62	.300	2	~~647001-2~~

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL ⚠1
FINISH ⚠1

DWN S.CARPENTER 07AUG2003
CHK D.BOSSI 07AUG2003
APVD D.BOSSI 07AUG2003
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647001	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV F