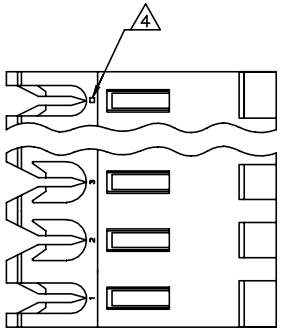
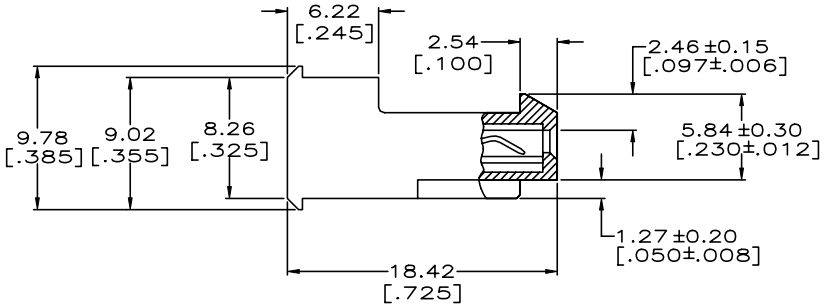
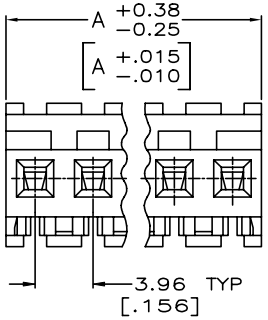
LOC	DIST
CM	0

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	P	REVISED PER ECR-20-000814	26MAY2020	PC	SW







1 MATERIAL:
CONNECTOR – NYLON UL94V-2 (ORANGE).
CONTACTS – 0.30[.012] THICK COPPER ALLOY.
PLATING – 0.00038[.000015] GOLD THK OR 0.00008[.000003] MIN THK GOLD FLASH OVER 0.00030[.000012] THK PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, IN CONTACT AREA. 0.00203[.000080] MIN THICKNESS MATTE TIN IN SLOT AREA FOR 641168-2 THRU 2-641168-4 OR MATTE WHISKER MITIGATED TIN IN SLOT AREA FOR 3-641168-2 THRU 5-641168-4 OVER NICKEL UNDERPLATE.

2 CONTACTS ACCEPT 18 AWG WIRE WITH 2.41[.095] MAX INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 1.14±0.03[.045±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: FEED-THRU WITH LOCKING RAMP.

7 NOTE DELETED.

8 NOTE DELETED.

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

CONTACT FINISH		DIM A		NO. OF CIRCUITS	PART NO.
TIN		95.10	[3.744]	24	5-641168-4
		91.14	[3.588]	23	5-641168-3
		87.17	[3.432]	22	5-641168-2
		83.21	[3.276]	21	5-641168-1
		79.25	[3.120]	20	5-641168-0
		75.29	[2.964]	19	4-641168-9
		71.32	[2.808]	18	4-641168-8
		67.36	[2.652]	17	4-641168-7
		63.40	[2.496]	16	4-641168-6
		59.44	[2.340]	15	4-641168-5
		55.47	[2.184]	14	4-641168-4
		51.51	[2.028]	13	4-641168-3
		47.55	[1.872]	12	4-641168-2
		43.59	[1.716]	11	4-641168-1
		39.62	[1.560]	10	4-641168-0
		35.66	[1.404]	9	3-641168-9
		31.70	[1.248]	8	3-641168-8
		27.74	[1.092]	7	3-641168-7
		23.77	[.936]	6	3-641168-6
		19.81	[.780]	5	3-641168-5
		15.85	[.624]	4	3-641168-4
		11.89	[.468]	3	3-641168-3
		7.92	[.312]	2	3-641168-2
SUPERSEDED 9	TIN-LEAD	95.10	[3.744]	24	2-641168-4
		91.14	[3.588]	23	2-641168-3
		87.17	[3.432]	22	2-641168-2
		83.21	[3.276]	21	2-641168-1
		79.25	[3.120]	20	2-641168-0
		75.29	[2.964]	19	1-641168-9
		71.32	[2.808]	18	1-641168-8
		67.36	[2.652]	17	1-641168-7
		63.40	[2.496]	16	1-641168-6
		59.44	[2.340]	15	1-641168-5
		55.47	[2.184]	14	1-641168-4
		51.51	[2.028]	13	1-641168-3
		47.55	[1.872]	12	1-641168-2
		43.59	[1.716]	11	1-641168-1
		39.62	[1.560]	10	1-641168-0
OBSOLETE	TIN	35.66	[1.404]	9	~~641168-9~~
SUPERSEDED 9	TIN-LEAD	31.70	[1.248]	8	~~641168-8~~
		27.74	[1.092]	7	~~641168-7~~
OBSOLETE	TIN	23.77	[.936]	6	~~641168-6~~
OBSOLETE		19.81	[.780]	5	~~641168-5~~
SUPERSEDED 9	TIN-LEAD	15.85	[.624]	4	~~641168-4~~
OBSOLETE	TIN	11.89	[.468]	3	~~641168-3~~
OBSOLETE		7.92	[.312]	2	~~641168-2~~

641168

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13 [.005]
4 PLC ± –
ANGLES ± –

MATERIAL 1

FINISH –

DWN B. LEWIS 2-12-91
CHK R. SWING 2-20-91
APVD – –
PRODUCT SPEC 108-1051
APPLICATION SPEC 114-1020
WEIGHT –

TE Connectivity

NAME MTA-156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-641168	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV P

1471-9 (3/11)