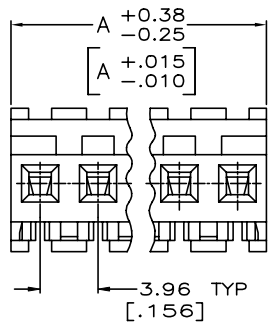
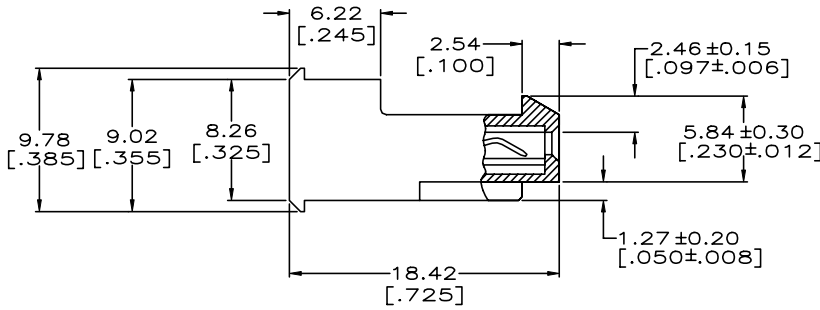
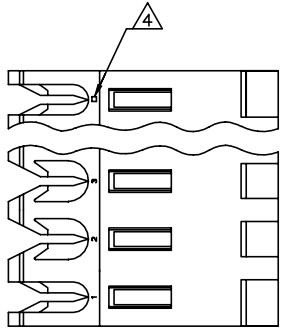


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LOC		DIST		REVISIONS				
P	LTN	DESCRIPTION			DATE	DN	APVD	
CM	0	P	REVISED	PER ECR-20-000814	26MAY2020	PC	SW	



△ 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

FINISH	DIM A	NO. OF CIRCUITS	PART NO.
TIN	95.10 [3.744]	24	5-641168-4
TIN	91.14 [3.588]	23	5-641168-3
TIN	87.17 [3.432]	22	5-641168-2
TIN	83.21 [3.276]	21	5-641168-1
TIN	79.25 [3.120]	20	5-641168-0
TIN	75.29 [2.964]	19	4-641168-9
TIN	71.32 [2.808]	18	4-641168-8
TIN	67.36 [2.652]	17	4-641168-7
TIN	63.40 [2.496]	16	4-641168-6
TIN	59.44 [2.340]	15	4-641168-5
TIN	55.47 [2.184]	14	4-641168-4
TIN	51.51 [2.028]	13	4-641168-3
TIN	47.55 [1.872]	12	4-641168-2
TIN	43.59 [1.716]	11	4-641168-1
TIN	39.62 [1.560]	10	4-641168-0
TIN	35.66 [1.404]	9	3-641168-9
TIN	31.70 [1.248]	8	3-641168-8
TIN	27.74 [1.092]	7	3-641168-7
TIN	23.77 [0.936]	6	3-641168-6
TIN	19.81 [0.780]	5	3-641168-5
TIN	15.85 [0.624]	4	3-641168-4
TIN	11.89 [0.468]	3	3-641168-3
TIN	7.92 [0.312]	2	3-641168-2
TIN	95.10 [3.744]	24	2-641168-4
TIN	91.14 [3.588]	23	2-641168-3
TIN	87.17 [3.432]	22	2-641168-2
TIN	83.21 [3.276]	21	2-641168-1
TIN	79.25 [3.120]	20	2-641168-0
TIN	75.29 [2.964]	19	1-641168-9
TIN	71.32 [2.808]	18	1-641168-8
TIN	67.36 [2.652]	17	1-641168-7
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TIN	51.51 [2.028]	13	1-641168-3
TIN	47.55 [1.872]	12	1-641168-2
TIN	43.59 [1.716]	11	1-641168-1
TIN	39.62 [1.560]	10	1-641168-0
TIN	35.66 [1.404]	9	641168-9
TIN-LEAD	31.70 [1.248]	8	641168-8
TIN-LEAD	27.74 [1.092]	7	641168-7
TIN	23.77 [0.936]	6	641168-6
TIN	19.81 [0.780]	5	641168-5
TIN-LEAD	15.85 [0.624]	4	641168-4
TIN	11.89 [0.468]	3	641168-3
TIN	7.92 [0.312]	2	641168-2

STATUS	FINISH	DIM A	NO. OF CIRCUITS	PART NO.
SUPERSEDED	TIN	95.10 [3.744]	24	5-641168-4
SUPERSEDED	TIN	91.14 [3.588]	23	5-641168-3
SUPERSEDED	TIN	87.17 [3.432]	22	5-641168-2
SUPERSEDED	TIN	83.21 [3.276]	21	5-641168-1
SUPERSEDED	TIN	79.25 [3.120]	20	5-641168-0
SUPERSEDED	TIN	75.29 [2.964]	19	4-641168-9
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SUPERSEDED	TIN-LEAD	15.85 [0.624]	4	3-641168-4
SUPERSEDED	TIN	11.89 [0.468]	3	3-641168-3
SUPERSEDED	TIN	7.92 [0.312]	2	3-641168-2

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN B. LEWIS 2-12-91
 CHK R. SWING 2-20-91

DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± -
 3 PLC ± 0.13 [0.005]
 4 PLC ± -
 5 PLC ± -

PRODUCT SPEC: 108-1051
 APPLICATION SPEC: 114-1020

MATERIAL: FINISH: - WEIGHT: -

TE Connectivity
 MTA-156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 641168 RESTRICTED TO: -
 CUSTOMER DRAWING SCALE: 4:1 SHEET: 1 of 1 REV: P