



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	J	REVISED PER ECO-12-007492		03AUG12	KH	SM	

1 MATERIAL: CONNECTOR - NYLON UL94V-2 .
 CONTACTS - 0.30[.012] THICK COPPER ALLOY BRIGHT
 TIN-LEAD .00203[.000080] MIN THICKNESS FOR 643813-2
 THRU 2-643813-8. MATTE WHISKER MITIGATED TIN .00203[.000080] MIN
 THICKNESS OVER NICKEL UNDERPLATE FOR 3-643813-2 THRU 5-643813-8.

2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX
 INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 0.64±0.03[.025±.001]
 POST AND REMAIN LOCKED IN POSITION.

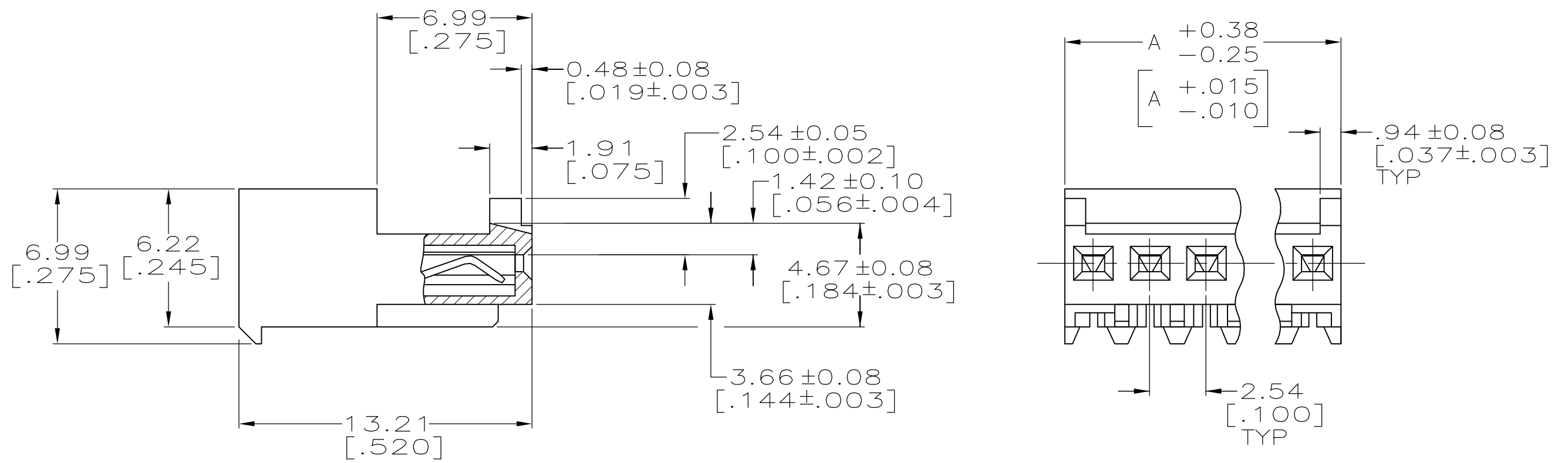
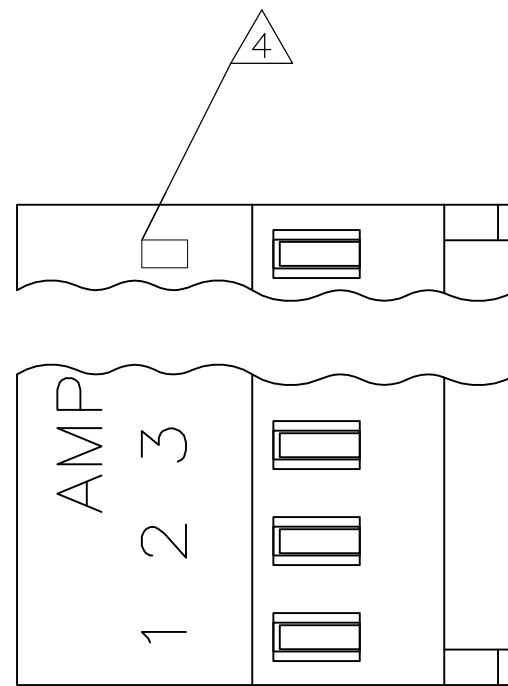
4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY
 NOT APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: CLOSED END WITH
 LOCKING RAMP AND WITH POLARIZING TAB.

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

8 RED COLOR STRIPE ON HOUSING (NOT SHOWN) MAY RUN DOWN BETWEEN RIBS.



	YES	DIM A	NO. OF CIRCUITS	PART NO.	
D	YES	71.12[2.800]	28	5-643813-8	
	YES	68.58[2.700]	27	5-643813-7	
	YES	66.04[2.600]	26	5-643813-6	
	YES	63.50[2.500]	25	5-643813-5	
	YES	60.96[2.400]	24	5-643813-4	
	YES	58.42[2.300]	23	5-643813-3	
	YES	55.88[2.200]	22	5-643813-2	
	YES	53.34[2.100]	21	5-643813-1	
	YES	50.80[2.000]	20	5-643813-0	
	YES	48.26[1.900]	19	4-643813-9	
	YES	45.72[1.800]	18	4-643813-8	
	YES	43.18[1.700]	17	4-643813-7	
	YES	40.64[1.600]	16	4-643813-6	
	YES	38.10[1.500]	15	4-643813-5	
C	YES	35.56[1.400]	14	4-643813-4	
	YES	33.02[1.300]	13	4-643813-3	
	YES	30.48[1.200]	12	4-643813-2	
	YES	27.94[1.100]	11	4-643813-1	
	YES	25.40[1.000]	10	4-643813-0	
	YES	22.86[.900]	9	3-643813-9	
	YES	20.32[.800]	8	3-643813-8	
	YES	17.78[.700]	7	3-643813-7	
	YES	15.24[.600]	6	3-643813-6	
	YES	12.70[.500]	5	3-643813-5	
	YES	10.16[.400]	4	3-643813-4	
	YES	7.62[.300]	3	3-643813-3	
	YES	5.08[.200]	2	3-643813-2	
	NO	71.12[2.800]	28	2-643813-8	SUPERSEDED BY 5-643813-8
	NO	68.58[2.700]	27	2-643813-7	SUPERSEDED BY 5-643813-7
	NO	66.04[2.600]	26	2-643813-6	OBSOLETE
	NO	63.50[2.500]	25	2-643813-5	SUPERSEDED BY 5-643813-5
B	NO	60.96[2.400]	24	2-643813-4	
	NO	58.42[2.300]	23	2-643813-3	SUPERSEDED BY 5-643813-3
	NO	55.88[2.200]	22	2-643813-2	SUPERSEDED BY 5-643813-2
	NO	53.34[2.100]	21	2-643813-1	SUPERSEDED BY 5-643813-1
	NO	50.80[2.000]	20	2-643813-0	
	NO	48.26[1.900]	19	1-643813-9	SUPERSEDED BY 4-643813-9
	NO	45.72[1.800]	18	1-643813-8	
	NO	43.18[1.700]	17	1-643813-7	
	NO	40.64[1.600]	16	1-643813-6	
	NO	38.10[1.500]	15	1-643813-5	
	NO	35.56[1.400]	14	1-643813-4	
	NO	33.02[1.300]	13	1-643813-3	
	NO	30.48[1.200]	12	1-643813-2	
	NO	27.94[1.100]	11	1-643813-1	
	NO	25.40[1.000]	10	1-643813-0	
	NO	22.86[.900]	9	643813-9	
	NO	20.32[.800]	8	643813-8	
A	NO	17.78[.700]	7	643813-7	
	NO	15.24[.600]	6	643813-6	
	NO	12.70[.500]	5	643813-5	
	NO	10.16[.400]	4	643813-4	
	NO	7.62[.300]	3	643813-3	
	NO	5.08[.200]	2	643813-2	
	LEADFREE				

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S. CARPENTER	11JUN2003	 TE Connectivity
DIMENSIONS:		CHK	D. BOSSI	11JUN2003	
mm [INCHES]		APVD	D. BOSSI	11JUN2003	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	108-1050		
0 PLC ±		APPLICATION SPEC	114-1019		NAME
1 PLC ±		WEIGHT			MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD
2 PLC ±		CUSTOMER DRAWING			SIZE
3 PLC ± 0.13 [.005]		SCALE	5:1		CAGE CODE
4 PLC ±		SHEET	1 of 1		DRAWING NO
ANGLES ±		REV	J		A2 00779 C=643813
FINISH					