



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!



## Contact us

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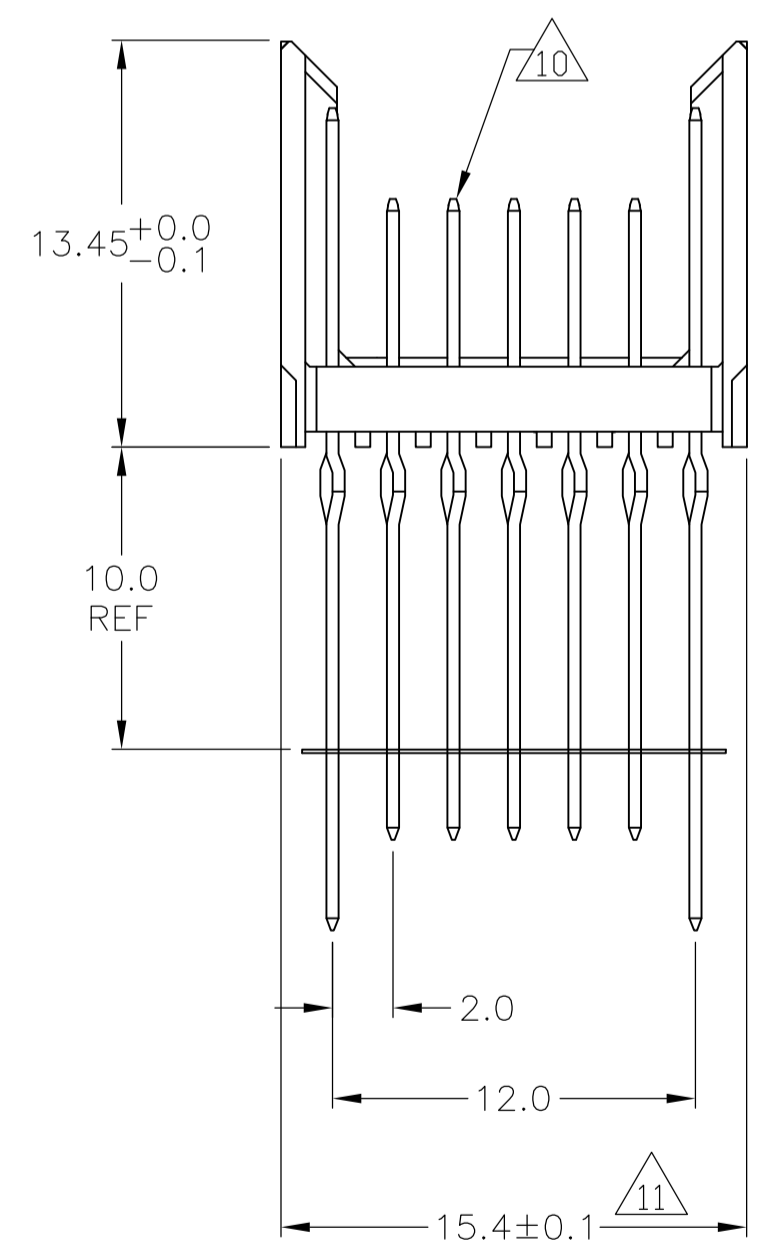
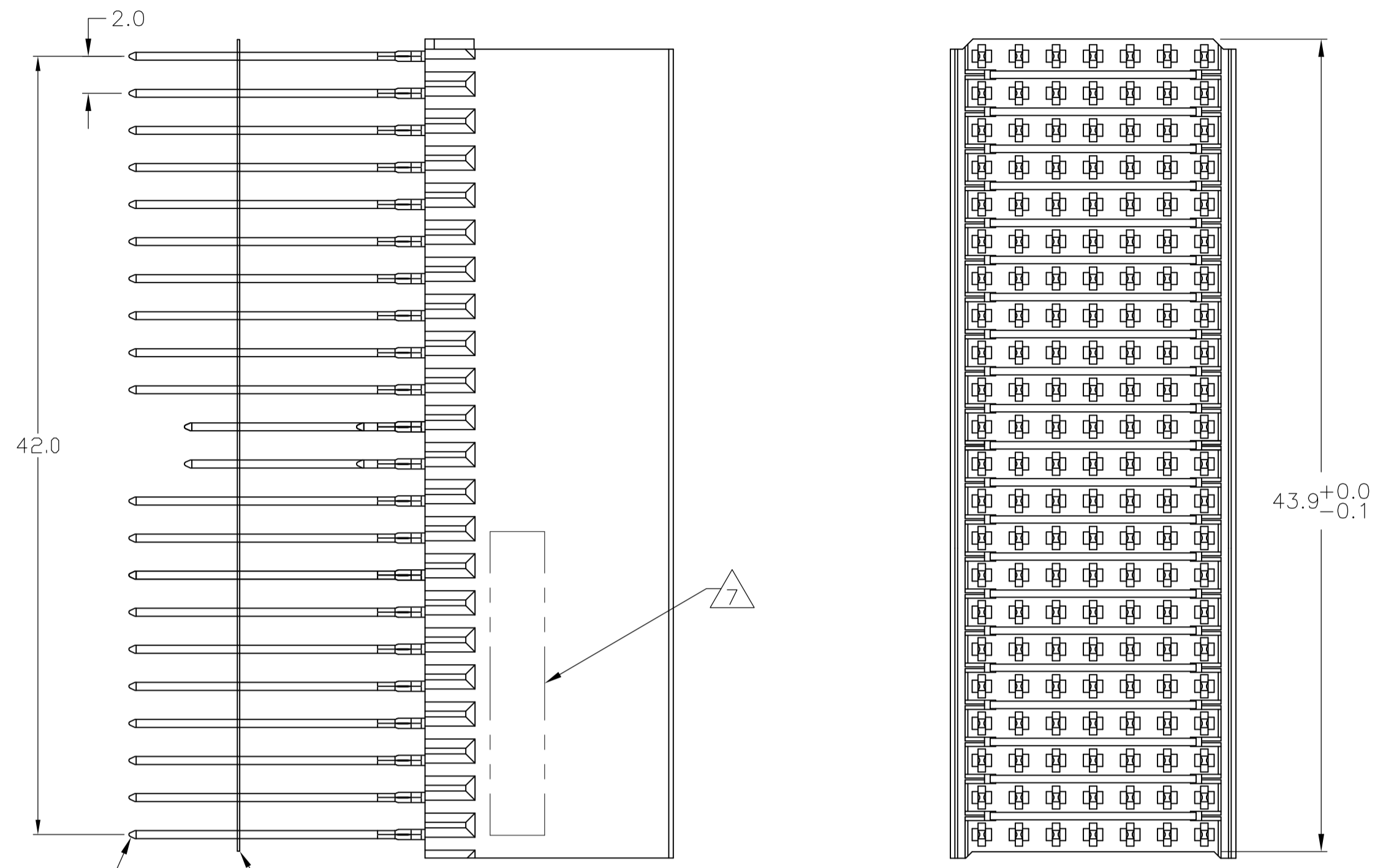
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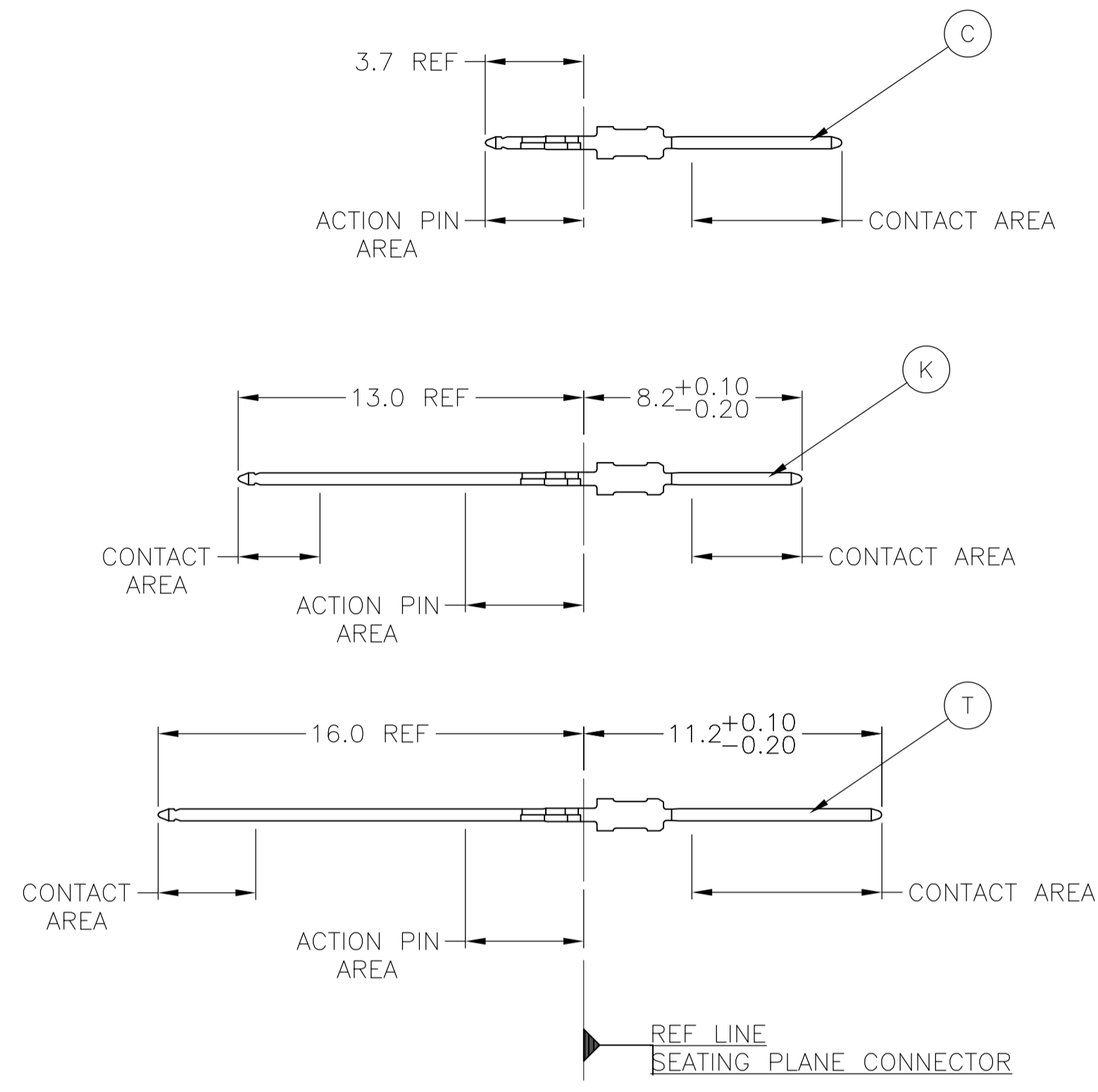


REVISONS		DATE	BY	APP'D
A1	REVISED PER ECR-10-000662	18JAN2010	JY	SY
B	ECR-10-019054	15SEP10	DP	MQW

### CONNECTOR ASSEMBLY EXAMPLARY LOADED <sup>9</sup>



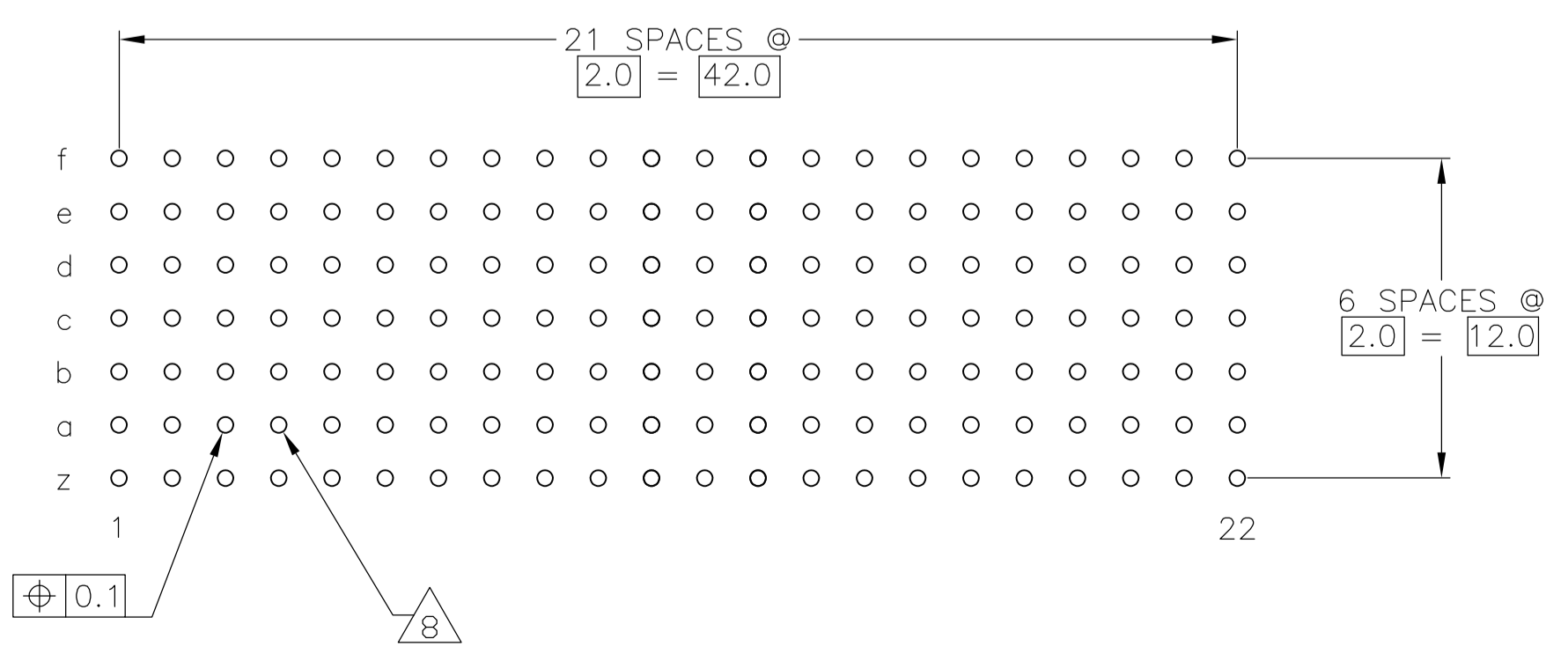
### CONTACT DIMENSIONS SCALE 5:1



### CONTACT LAYOUT

	z	a	b	c	d	e	f
1	T	K	K	K	K	K	T
2	T	K	K	K	K	K	T
3	T	K	K	K	K	K	T
4	T	K	K	K	K	K	T
5	T	K	K	K	K	K	T
6	T	K	K	K	K	K	T
7	T	K	K	K	K	K	T
8	T	K	K	K	K	K	T
9	T	K	K	K	K	K	T
10	T	K	K	K	K	K	T
11	C	K	K	K	K	K	C
12	C	K	K	K	K	K	C
13	T	K	K	K	K	K	T
14	T	K	K	K	K	K	T
15	T	K	K	K	K	K	T
16	T	K	K	K	K	K	T
17	T	K	K	K	K	K	T
18	T	K	K	K	K	K	T
19	T	K	K	K	K	K	T
20	T	K	K	K	K	K	T
21	T	K	K	K	K	K	T
22	T	K	K	K	K	K	T

### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION

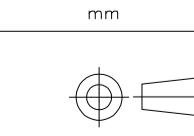
<sup>2</sup> / <sub>2</sub> <sup>3</sup> / <sub>6</sub> <sup>13</sup> / <sub>12</sub>	3-1645179-0
<sup>2</sup> / <sub>2</sub> <sup>6</sup> / <sub>6</sub> <sup>12</sup> / <sub>12</sub>	1-1645179-9
<sup>2</sup> / <sub>2</sub> <sup>5</sup> / <sub>4</sub> <sup>12</sup> / <sub>12</sub>	1645179-9
<sup>2</sup> / <sub>2</sub> <sup>4</sup> / <sub>4</sub> <sup>12</sup> / <sub>12</sub>	1645179-4
<sup>2</sup> / <sub>2</sub> <sup>3</sup> / <sub>3</sub> <sup>12</sup> / <sub>12</sub>	1645179-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN B CARBO 19MAY05	19MAY05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0-PLC ±	1-PLC ±0.1	CHK G SKIPPER 19MAY05	19MAY05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B
2-PLC ±	3-PLC ±	APP'D G SKIPPER 19MAY05	19MAY05	PRODUCT SPEC 108-19082
4-PLC ±	ANGLES ±	MATERIAL 1	FINISH SEE TABLE	APPLICATION SPEC 114-19029
WEIGHT		SIZE A1	CAGE CODE 00779	DRAWING NO C=1645179
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2

LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION	DATE	DN	APVD			
AD	00	SEE SHEET 1	-	-	-			

- 1 MATERIAL:  
CONTACT: PHOSPHOR BRONZE.  
HOUSING: GLASS-FILLED POLYESTER.
- 2 GENERAL PLATING SPECIFICATION: UNDERPLATING  
(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION  
PIN: 0.5µm MIN TIN/LEAD.  
FOR PLATING OF MATING SURFACES SEE APPLICABLE  
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- 3 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 2.
- 4 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 1.
- 5 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
CENTRAL OFFICE APPLICATIONS.
- 6 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
UNCONTROLLED ENVIROMENT APPLICATIONS.
- 7 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.  
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,  
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
- 8 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.
- 9 FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- 10 FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
- 11 TO BE MEASURED AT BOTTOM OF SHROUD.
- 12 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 13 0.76µm MIN GOLD PLATING AT MATING SURFACES.

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 1-PLG ±0.1 2-PLG ± 3-PLG ± 4-PLG ± ANGLES ±		APVD G SKIPPER 19MAY05	
		PRODUCT SPEC 108-19082		NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B	
MATERIAL SEE SHEET 1		FINISH SEE SHEET 1		APPLICATION SPEC 114-19029	
		WEIGHT -		SIZE A1	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 2 REV B	