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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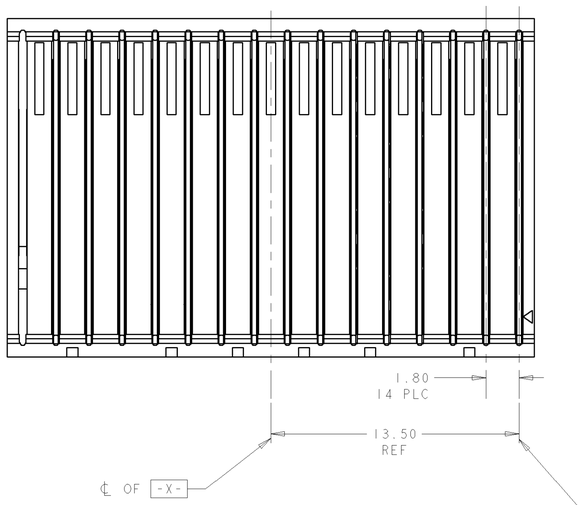
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

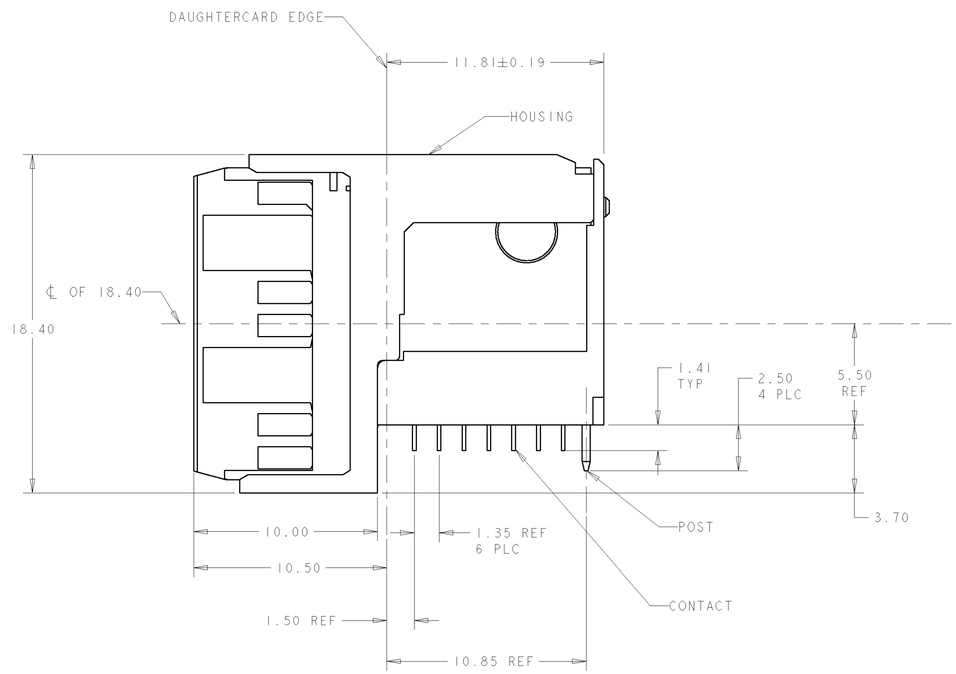
LOC	DIST
GP	00

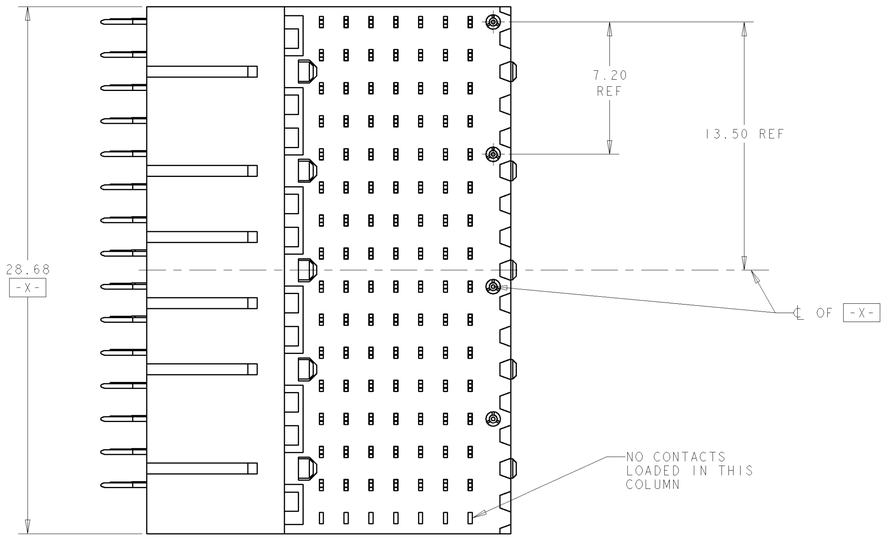
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-11-005284	30APR11	RK	HMR



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1





1. HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE

2. CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.
0.5µm MIN TIN-LEAD ON COMPLIANT PORTION
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

3. MANUFACTURING TOLERANCE FOR Ø0.46± 0.05
DIAMETER FINISHED HOLE WITH Sn/PB PLATING:

DRILLED HOLE = Ø0.55±0.02

COPPER PLATING = 0.025-0.050

Sn PB PLATING = 0.0038-0.0124

OR

MANUFACTURING TOLERANCE FOR Ø0.475± 0.05
DIAMETER FINISHED HOLE WITHOUT Sn/PB PLATING:

DRILLED HOLE = Ø0.55±0.02

COPPER PLATING = 0.025-0.050

4. SEE TABLE I FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.

5. CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.
0.5µm MIN TIN ON COMPLIANT PORTION
OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410135

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2,4,6,8,10,12,14,		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
	cx	dx
SIGNAL PAIR	ex	gx
	fx	hx
GROUNDS	ax, dx, gx, (ALL COMMONED)	ax, bx, ex, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1,3,5,7,9,11,13,15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUNDS	cx, fx (ALL COMMONED)	cx, dx, gx, hx

NOTE: "x" DESIGNATES THE COLUMN NUMBER

5	1410147-2
2	1410147-1
PLATING	PART NO

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±1°0'

MATERIAL -1

FINISH -2

DWN	R TREA	23OCT2003
CHK	J CONSOLI	23OCT2003
APVD	G GRIFFITH	14MAR2006
PRODUCT SPEC	108-2072	
APPLICATION SPEC	114-13056	
WEIGHT	-	

CUSTOMER DRAWING

TE Connectivity

NAME: RIGHT-ANGLE PLUG ASSEMBLY, VITA 41, 15 WAFER, CENTER, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1410147	-

SCALE 3:1 SHEET 1 OF 1 REV B1