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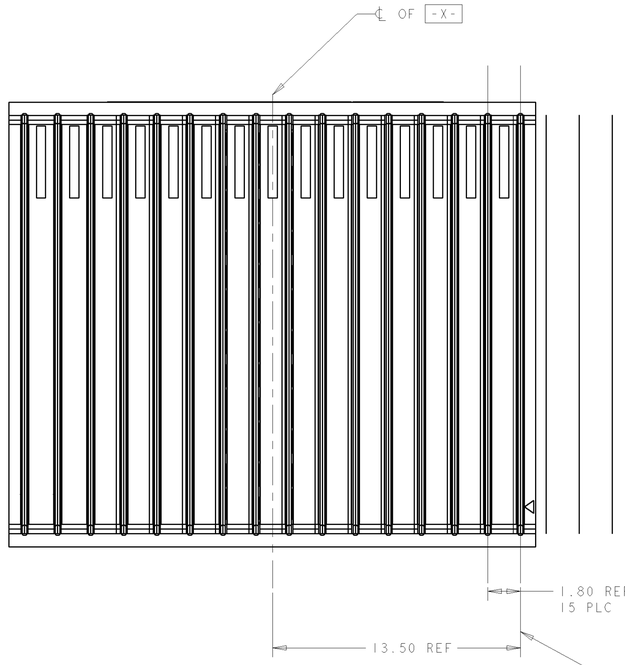
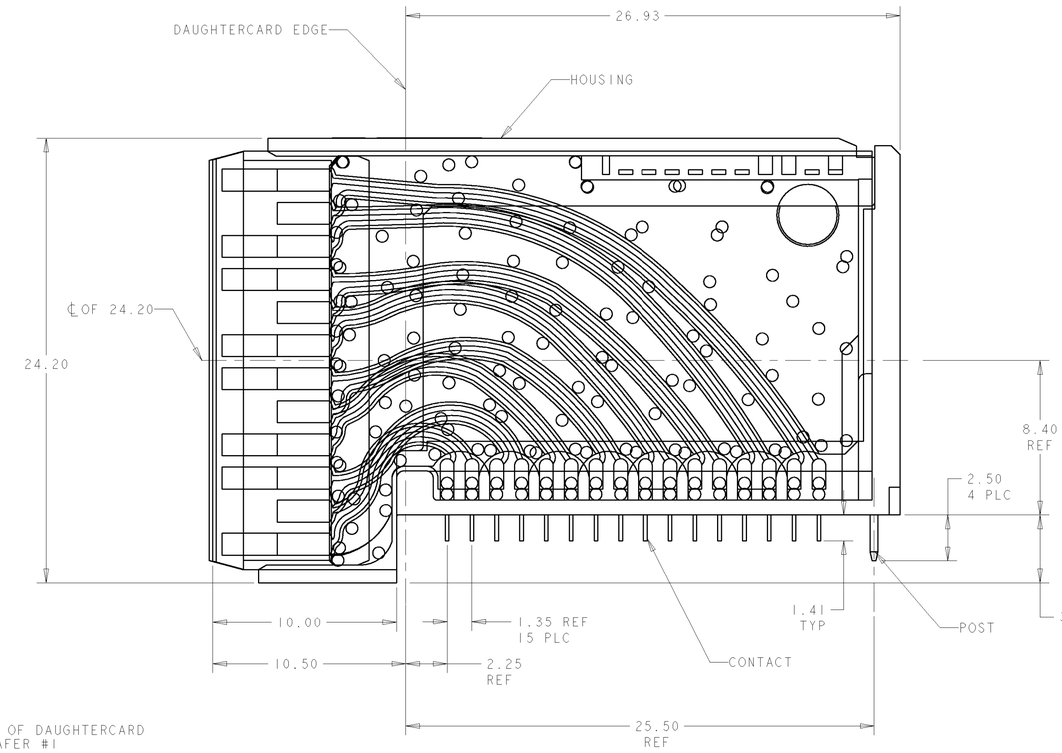
LOC	DIST
GP	00

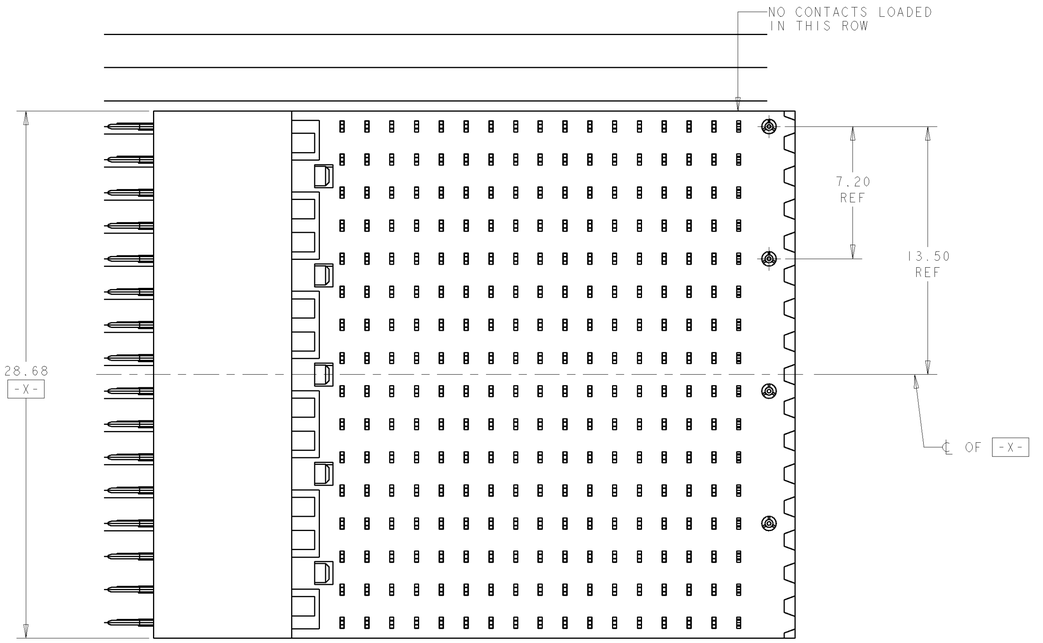
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO-06-005380	13MAR2006	BC	GG



PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1





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

2. CONTACT: 1.27µm MIN. TIN-LEAD ON 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 SnPB PLATING:

DRILLED HOLE = Ø0.55±0.02

COPPER PLATING = 0.025-0.050

Sn PB PLATING = 0.0038-0.0124
OR
Ø0.475±0.050 FINISHED HOLE WITHOUT SnPB PLATING
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050

4. SEE TABLE I FOR INTERCONNECTIONS
TO BACKPLANE CONNECTOR.

5. CONTACT: 1.27µm MIN. TIN ON PCB TAIL
OVER 1.27µm MIN. NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410127

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	ex	dx
	fx	ex
SIGNAL PAIR	ix	gx
	jx	hx
SIGNAL PAIR	mx	jx
	nx	kx
GROUNDS	cx, dx, gx, hx, kx, lx, ox, px (ALL COMMONED)	cx, fx, ix, lx

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2,4,6,8,10,12,14,16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	cx	bx
	dx	cx
SIGNAL PAIR	gx	ex
	hx	fx
SIGNAL PAIR	kx	hx
	lx	ix
SIGNAL PAIR	ox	kx
	px	lx
GROUNDS	ax, bx, ex, fx, ix, jx, mx, nx (ALL COMMONED)	ax, dx, gx, jx

NOTE: "x" DESIGNATES THE COLUMN NUMBER.

5	1410123-2
2	1410123-1
PLATING	PART NO

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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	03SEP2002 L SIPE
CHK	03SEP2002 J.CONSOLI
APVD	13MAR2006 G GRIFFITH
PRODUCT SPEC	108-2072
APPLICATION SPEC	114-13056
WEIGHT	-

Tyco Electronics
Harrisburg, PA 17105-3608

NAME: RIGHT-ANGLE PLUG ASSEMBLY, CENTER, 25.4mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, DIFFERENTIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1410123	-

CUSTOMER DRAWING | SCALE 6:1 | SHEET 1 OF 1 | REV A