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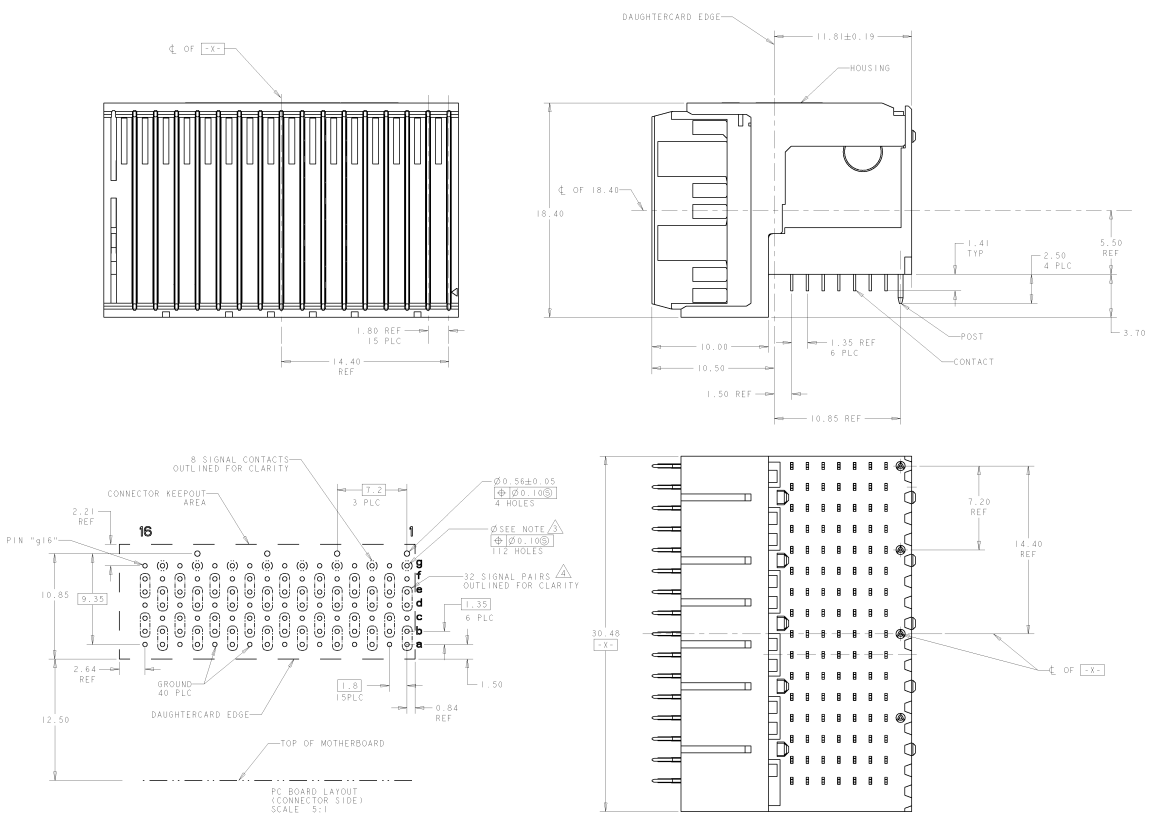
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO-06-005380	14MAR2006	BC	GG



1. HOUSING: LCP, UL94V0, COLOR: BLACK.
   CONTACT: PHOSPHOR BRONZE.
   POST: BRASS WIRE
2. CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA
   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 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 PAD CONTACT AREA
   1.27µm MIN TIN ON PCB TAIL
   OVER 1.27µm MIN NICKEL OVER ALL.
   POST 1.27µm MIN NICKEL PLATED.
6. CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA
   1.27µm MIN TIN-LEAD ON PCB TAIL
   OVER 1.27µm MIN NICKEL OVER ALL.
   POST 1.27µm MIN NICKEL PLATED.

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410142

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	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

PLATING	PART NO
6	1410188-3
5	1410188-2
2	1410188-1

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DWN: B. TREA 30OCT2003
CHK: J. CONSOLI 30OCT2003
APVD: D. GRIFFITH 14MAR2006
PRODUCT SPEC: 108-2072
APPLICATION SPEC: 114-13054
WEIGHT: -
CUSTOMER DRAWING

tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

TITLE: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, RIGHT END, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, DIFFERENTIAL

SIZE: A | CAGE CODE: 00779 | DRAWING NO: C-1410188 | RESTRICTED TO: -
SCALE: 3:1 | SHEET 1 OF 1 | REV: A

AMP 4005 REV 31MAR2000
Pro/ENGINEER DRAWING

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