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REVISIONS				
LTR	DESCRIPTION	DATE	DWN	APVD
A	REV PER ECO-06-005380	14MAR2006	BC	GG
B	REV PER ECO-06-01339T	06JUN2006	RT	GG
B1	REV PER ECO-07-01339T	30AUG2007	BC	RP

DISC GP | PDST 00

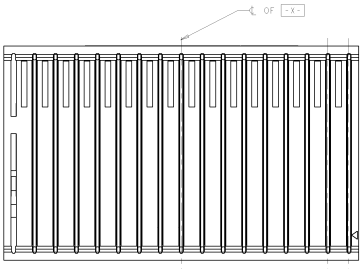
1. HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE.

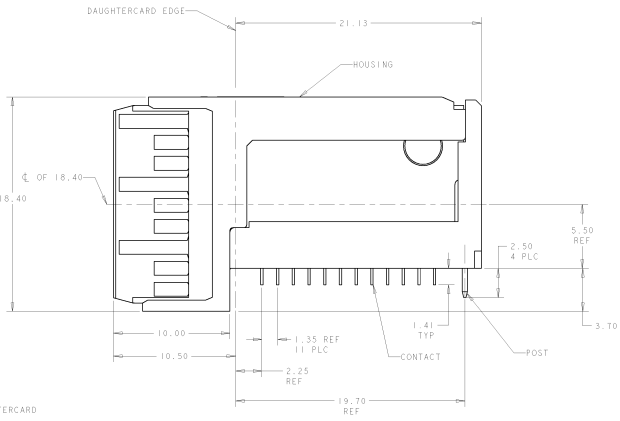
2. CONTACT: 0.76µm MIN GOLD IN CONTACT AREA, 0.5µm MIN TIN-LEAD ON COMPLIANT PORTION OF PCB TAIL OVER 1.27µm MIN NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

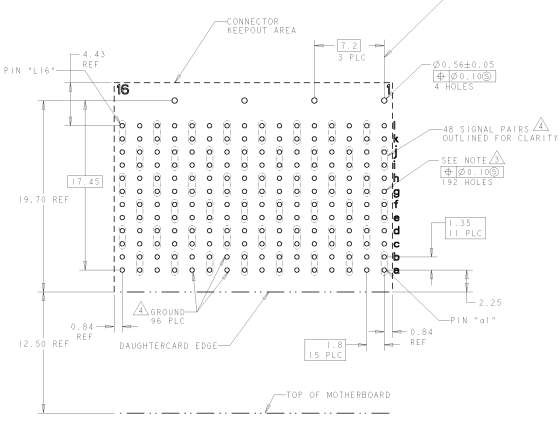
3. MANUFACTURING TOLERANCE FOR Ø0.46± 0.05 DIAMETER FINISHED HOLE WITH Sn /PB PLATING:
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
Sn PB PLATING = 0.0038-0.0124
OR
Ø0.475± 0.05 FINISHED HOLE WITHOUT Sn /PB PLATING:
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050

4. SEE TABLE 1 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.







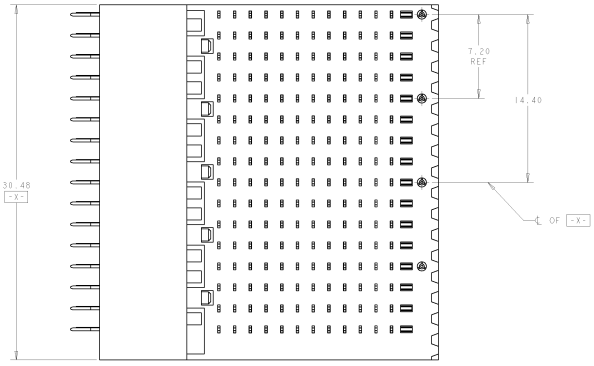


TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410142

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	cx	bx
	dx	cx
SIGNAL PAIR	gx	ex
	hx	fx
SIGNAL PAIR	kx	hx
	lx	ix
GROUNDS	ax, bx, ex, fx, ix, jx (ALL COMMONED)	ax, dx, gx

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
GROUNDS	cx, dx, gx, hx, kx, lx (ALL COMMONED)	cx, fx, ix

NOTE: "x" DESIGNATES THE COLUMN NUMBER

5	1410139-2
4	1410139-1
PLATING	PART NO

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DIMENSIONS: MM
TOLERANCES UNLESS OTHERWISE SPECIFIED:
1 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±
4 PLC ±
ANGLES ±2°
MATERIAL: 4
FINISH: 5

DWN	T.KENDY 28NOV2002
CH	R.TREA 28NOV2002
APVD	J.CONSOLI 28NOV2002
DES	G.GRIFFITH 14MAR2006
PRODUCT SPEC	108-2072
APPLICATION SPEC	114-13054
WEIGHT	-

Tyco Electronics
Harrisburg, PA 17105-3608

TITLE: RIGHT-ANGLE PLUG ASSEMBLY, RIGHT END, 20.5mm, MULTIGIG RT2, DAUGHTERCARD CONNECTOR, DIFFERENTIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A	00779	C-1410139	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV B1

AMP 4045 REV 31MAR2000
Pro/ENGINEER DRAWING

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