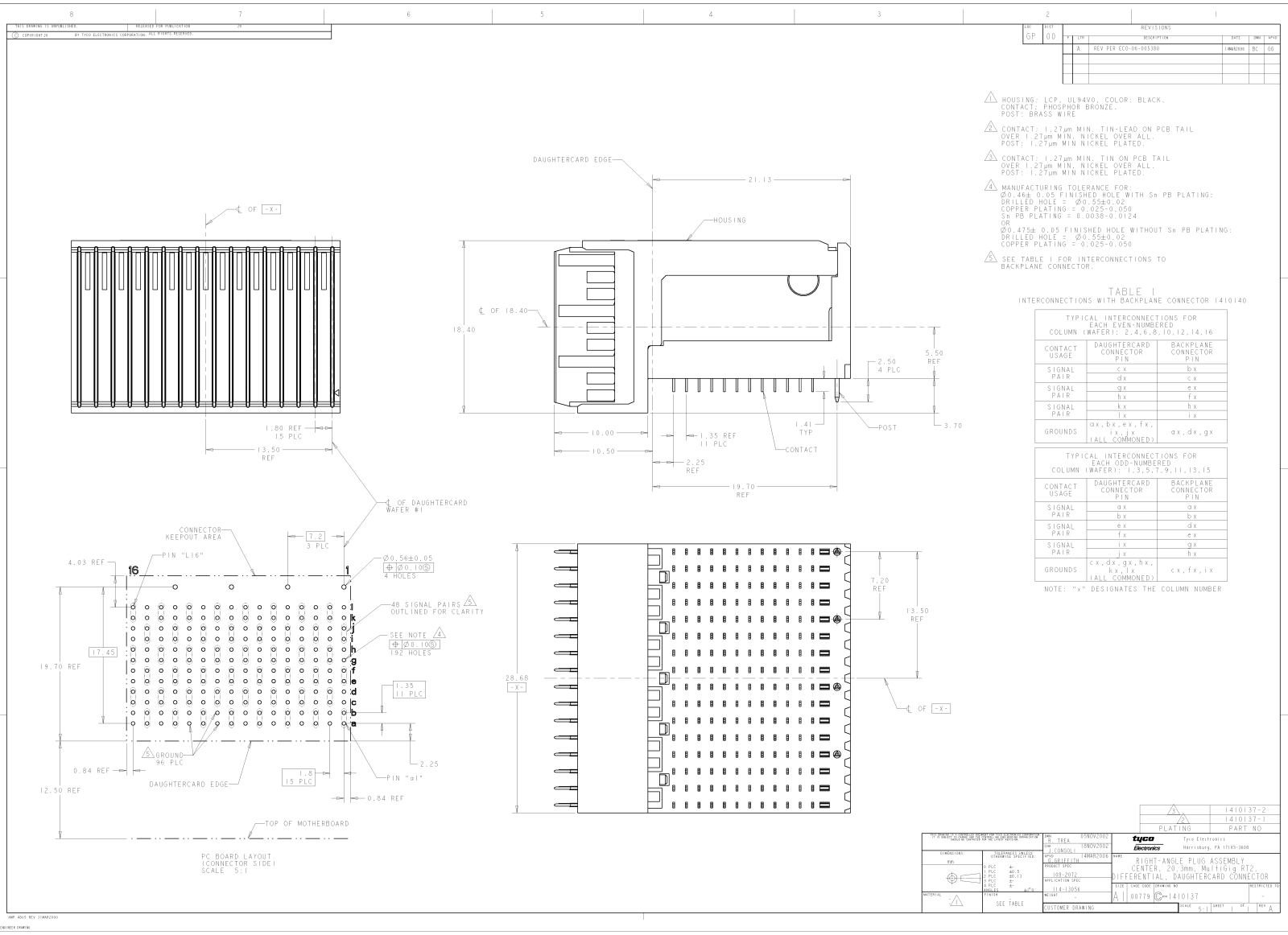

1. HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE

2. CONTACT: 1.27µm MIN. TIN-LEAD ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

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

4. MANUFACTURING TOLERANCE FOR:
Ø0.46± 0.05 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

5. SEE TABLE I FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410140

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

PLATING	PART NO
3	1410137-2
2	1410137-1

REVISIONS

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

DWN	05NOV2002
CHK	18NOV2002
APVD	14MAR2006
PRODUCT SPEC	108-2072
APPLICATION SPEC	114-13056
WEIGHT	-
CUSTOMER DRAWING	

tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME: RIGHT-ANGLE PLUG ASSEMBLY CENTER, 20.3mm, MultiGig RT2, DIFFERENTIAL, DAUGHTERCARD CONNECTOR

SIZE: A1 | CHGC CODE: 00779 | DRAWING NO: C-1410137 | RESTRICTED TO: -

SCALE: 5:1 | SHEET 1 OF 1 | REV A

DIMENSIONS: MM
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±
4 PLC ±
ANGLES ±°
MATERIAL: -1
FINISH: SEE TABLE

AMP 4005 REV 31MAR2000
Pr=/ENGINEER DRAWING

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