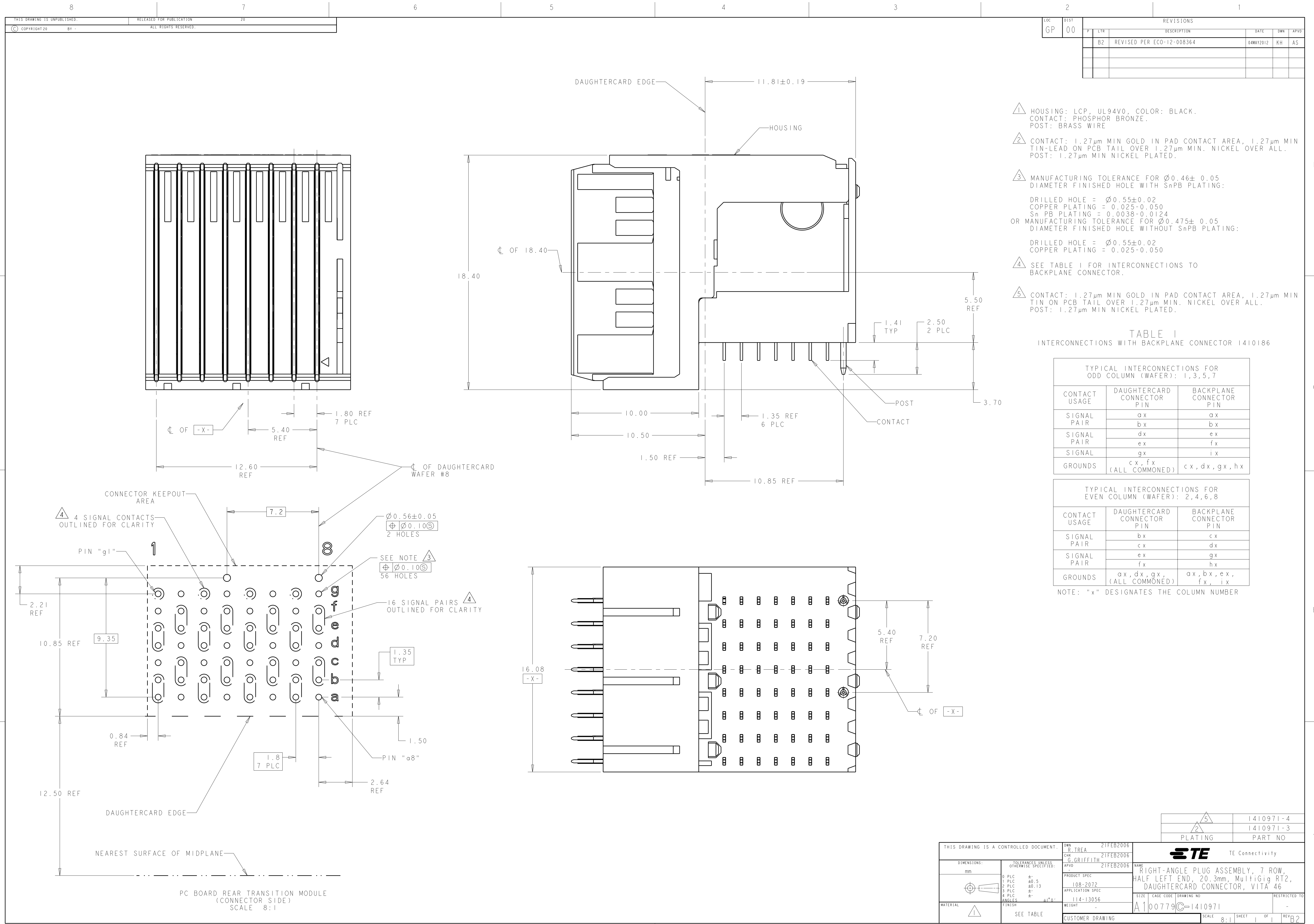




- △ HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- △ CONTACT: 1.27μm MIN GOLD IN PAD CONTACT AREA, 1.27μm MIN TIN-LEAD ON PCB TAIL OVER 1.27μm MIN. NICKEL OVER ALL.
POST: 1.27μm MIN NICKEL PLATED.
- △ MANUFACTURING TOLERANCE FOR $\varnothing 0.46 \pm 0.05$
DIAMETER FINISHED HOLE WITH SnPB PLATING:
DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
Sn PB PLATING = 0.0038-0.0124
OR MANUFACTURING TOLERANCE FOR $\varnothing 0.475 \pm 0.05$
DIAMETER FINISHED HOLE WITHOUT SnPB PLATING:
DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
COPPER PLATING = 0.025-0.050
- △ SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- △ CONTACT: 1.27μm 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.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410186

TYPICAL INTERCONNECTIONS FOR ODD COLUMN (WAFER): 1,3,5,7		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUND	cx, fx (ALL COMMONED)	cx, dx, gx, hx

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

NOTE: "x" DESIGNATES THE COLUMN NUMBER

△ 5	1410971-4
△ 2	1410971-3
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. TREA 21FEB2006	TE Connectivity	
DIMENSIONS: mm		CHK G. GRIFFITH 21FEB2006	NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, HALF LEFT END, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, VITA 46	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 21FEB2006	PRODUCT SPEC 108-2072	
MATERIAL		FINISH #100	APPLICATION SPEC 114-13056	
SEE TABLE		WEIGHT -	SIZE A100779	
CUSTOMER DRAWING		SCALE 8:1	SHEET 1 OF 1	
			REV B2	