



PC BOARD LAYOUT
 (CONNECTOR SIDE)
 SCALE 6:1

LOC	DIST	REV	DESCRIPTION	DATE	BY	APPD
GP	00	A	DRAWN	23JUN09	DH	RP

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
 CONTACT: PHOSPHOR BRONZE.
 POST: BRASS WIRE
- 2 MANUFACTURING TOLERANCE FOR $\varnothing 0.46 \pm 0.05$
 DIAMETER FINISHED HOLE WITH Sn /PB 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 Sn /PB PLATING:
 DRILLED HOLE = $\varnothing 0.55 \pm 0.02$
 COPPER PLATING = 0.025-0.050
- 3 SEE TABLE 1 FOR INTERCONNECTIONS TO
 BACKPLANE CONNECTOR.
- 4 CONTACT: 0.76 μ m MIN GOLD IN PAD CONTACT AREA
 1.27 μ m MIN TIN ON PCB TAIL
 OVER 1.27 μ m MIN NICKEL OVER ALL.
 POST 1.27 μ m MIN NICKEL PLATED.
- 5 CONTACT: 1.27 μ m MIN GOLD IN PAD CONTACT AREA
 1.27 μ m MIN TIN-LEAD ON PCB TAIL
 OVER 1.27 μ m MIN NICKEL OVER ALL.
 POST 1.27 μ m MIN NICKEL PLATED.

TABLE 1
 INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410326

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 7, 9, 11, 13, 15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
SIGNAL PAIR	bx	bx
SIGNAL PAIR	dx	ex
SIGNAL PAIR	ex	fx
SIGNAL PAIR	gx	ix
GROUND	c _x , f _x , (ALL COMMONED)	c _x , d _x , g _x , h _x

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 8, 10, 12, 14, 16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
SIGNAL PAIR	cx	dx
SIGNAL PAIR	ex	gx
SIGNAL PAIR	fx	hx
GROUND	ax, dx, gx (ALL COMMONED)	ax, bx, ex, fx, ix

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 4, 5, 6		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL	ax	bx
SIGNAL	bx	cx
SIGNAL	dx	ex
SIGNAL	fx	gx
SIGNAL	gx	hx
GROUND	c _x , e _x (ALL COMMONED)	ax, dx, fx, ix

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 1, 2, 3		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
POWER	ax, bx, cx	ax, bx, cx, dx
POWER	ex, fx, gx	fx, gx, hx, ix
NOT CONNECTED	dx	ex

NOTE: "x" DESIGNATES THE COLUMN NUMBER

5	1410326-3
PLATING	PART NO

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 5 PLC ±0.13 4 PLC ± ANGLES ±1°		DWN D. HUMBERT 23JUN2009 CHK R. PATTERSON 23JUN2009 APVD R. PATTERSON 23JUN2009 PRODUCT SPEC 108-2072 APPLICATION SPEC 114-13056 WEIGHT CUSTOMER DRAWING		Tyco Electronics Harrisburg, PA 17105-3608 NAME RIGHT-ANGLE PLUG ASSY, 7 ROW, 20.3mm MULTI-GIG RTS, DIFFERENTIAL, SIGNAL-ENDED AND POWER, CENTER CONN. SIZE CAGE CODE DRAWING NO. RESTRICTED TO A11 00779 C=1410326 SCALE 6:1 SHEET 1 OF 1 REV A	
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