

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					05	REARRANGED WAFERS	20DEC2004	LS	JJC
					06	ADDED -3 AND NOTE 6	19JAN2006	LS	GG
					A	REV PER ECO-06-005380	14MAR2006	BC	GG

- △ HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- △ 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.
- △ 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: 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.
- △ 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 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410186

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 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

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 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 EACH 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	cx, ex, (ALL COMMONED)	ax, dx, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH 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

△ 6	1410189-3
△ 5	1410189-2
△ 2	1410189-1
PLATING	PART NO

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DIMENSIONS: mm		APPROVED G. GRIFFITH 14MAR2006	NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, HALF LEFT END, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, VITA 46	RESTRICTED TO	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1°		PRODUCT SPEC 108-2072	APPLICATION SPEC 114-13056	SIZE A	CAGE CODE 00779
MATERIAL SEE TABLE		WEIGHT -	CUSTOMER DRAWING	SCALE 8:1	SHEET 1 OF 1

