

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REV PER ECO 20-002093	2-17-20	CT	DH

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2 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.
- 3 PLATED THROUGH HOLE PER 114-13056, FIGURE 4
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
- 5 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.
- 6 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN-LEAD (60/40) ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
POST: 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2102735-1

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	2102772-4
5	2102772-2
2	2102772-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER CHK K. THACKSTON APVD M. McALONIS	04OCT2011 12JAN2012 1SEP2012	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW HALF LEFT END, 20.3mm, MULTIGIG RT 2-R, DAUGHTERCARD CONNECTOR, VITA 46	
		0 PLC	±	PRODUCT SPEC	
		1 PLC	±0.5	108-2072	
		2 PLC	±0.13	APPLICATION SPEC	
		3 PLC	±	114-13056	
		4 PLC	±	WEIGHT	5.41g
		ANGLES	±1°	CAGE CODE	2102772
MATERIAL		FINISH		SIZE	100779
		SEE TABLE		DRAWING NO	2102772
		CUSTOMER DRAWING		RESTRICTED TO	
				SCALE	8:1
				SHEET	1 OF 1
				REV	E

