

REVISIONS				
REV	DATE	BY	CHK	APPV
A	2-8-19	CT	DH	
B	16OCT2021	LN	DH	

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- 2 PLATED THROUGH HOLE PER TE SPEC 114-163004, SECTION 3.6.
- 3 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA  
1.27µm MIN TIN-LEAD (93/7) ON PCB TAIL  
OVER 1.27µm MIN NICKEL OVER ALL.  
POST 1.27µm MIN NICKEL PLATED.
- 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

TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 7, 9, 11, 13, 15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUPS	cx, fx, (ALL COMMONED)	cx, dx, gx, hx

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

6	2345723-3
5	2345723-2
3	2345723-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R. MILLER 16NOV2018, CHK: A. TSANG 16NOV2018, APPV: -

TE Connectivity

RIGHT-ANGLE PLUG ASSY, 7 ROW, CENTER, DIFFERENTIAL, SINGLE-ENDED AND POWER VPX, MULTIGIG RT 2-S

114-163004, 108-2072, 10.33g, 100779, 2345723

SCALE: 6:1, SHEET 1 OF 1, REV B

