

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		B		RELEASED PER ECO-13-004502	12MAR2013	KM
		C		REVISED PER ECO-13-008265	15MAY2013	DB

- 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.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2102737

TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2,4,6,8,10,12,14,16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	bx	cx
	cx	dx
SIGNAL PAIR	ex	gx
	fx	hx
GROUND	ax,dx,gx, (ALL COMMONED)	ax,bx,ex, fx, ix

TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1,3,5,7,9,11,13,15		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL PAIR	ax	ax
	bx	bx
SIGNAL PAIR	dx	ex
	ex	fx
SIGNAL	gx	ix
GROUND	cx, fx (ALL COMMONED)	cx,dx,gx,hx

NOTE: "x" DESIGNATES THE COLUMN NUMBER

5	2102870-2
2	2102870-1
PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
K. MILLER
CHK
K. THACKSTON
APVD
W. McALONIS

05JAN2012
12JAN2012
12SEP2012

DIMENSIONS:
mm

0 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±
4 PLC ±
ANGLES ±1°

FINISH
SEE TABLE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2072
APPLICATION SPEC
114-13056

WEIGHT
10.42g

Customer Drawing

NAME
RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,
RT. END, 20.3mm, MULTIGIG RT 2-R
DAUGHTERCARD CONNECTOR,DIFFERENTIAL

SIZE
A100779

CAGE CODE
C=2102870

DRAWING NO
-

RESTRICTED TO
C

SCALE
3:1

SHEET
1

OF
1

REV
C

D

C

B

A

D

C

B

A

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2102870-2](#)