

(0.50 mm) .0197"

MEC5-080-01-L-RA-W1

MEC5-040-01-L-RA-W2

MEC5-RA SERIES

RIGHT-ANGLE CARD SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MEC5-RA

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

1.5 A per pin

(2 pins powered)

Voltage Rating:

125 VAC/175 VDC

RoHS Compliant:

Yes

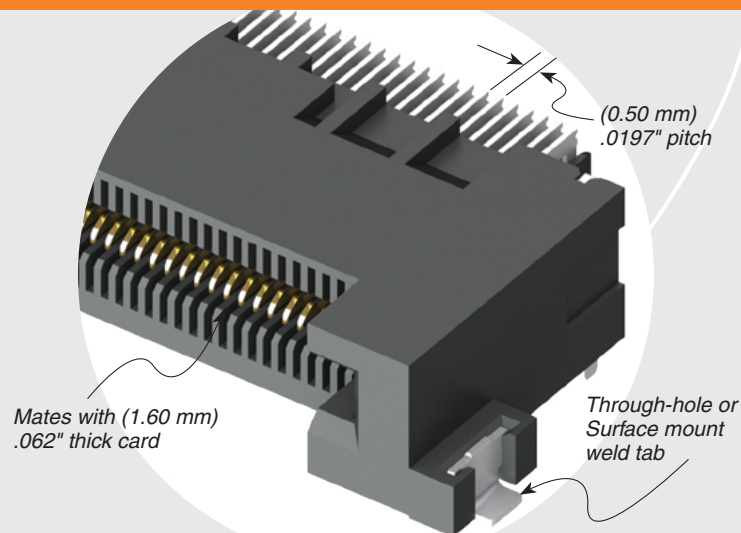
PROCESSING

Lead-Free Solderable:

Yes

Mates with:

(1.60 mm) .062" thick card
with standard board
tolerance



MEC5

POSITIONS
PER ROWCARD
THICKNESSPLATING
OPTION

RA

WELD
TAB

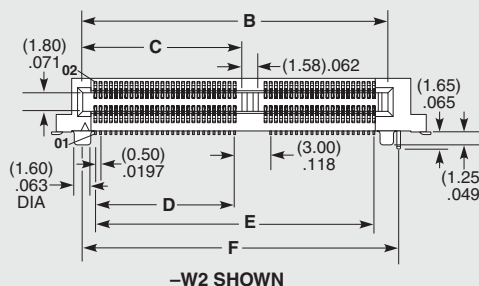
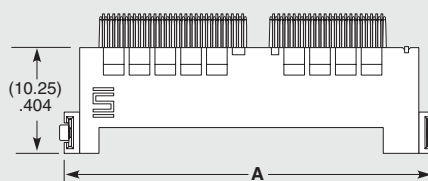
-030, -040, -050,
-060, -070, -080

-01
= (1.60 mm)
.062"
thick card

-L
= 10 μ " (0.25 μ m) Gold on contact,
Matte Tin on tail

-W1
= Weld Tab
Through-hole

-W2
= Weld Tab
Surface
Mount



POSITION PER ROW	A	B	C
-30	(23.38) .920	(17.10) .673	N/A
-40	(28.38) 1.117	(22.10) .870	N/A
-50	(35.88) 1.413	(29.60) 1.165	(15.44) .608
-60	(40.88) 1.609	(34.60) 1.362	(17.94) .706
-70	(45.88) 1.806	(39.60) 1.559	(20.44) .805
-80	(50.88) 2.003	(44.60) 1.756	(22.94) .903

Note: Polarization rib is not present on -030 & -040 positions

POSITION PER ROW	D	E	F
-30	N/A	(14.50) .571	(18.16) .715
-40	N/A	(19.50) .768	(23.16) .912
-50	(13.50) .531	(27.00) 1.063	(30.66) 1.207
-60	(16.00) .630	(32.00) 1.260	(35.66) 1.404
-70	(18.50) .728	(37.00) 1.457	(40.66) 1.601
-80	(21.00) 2.003	(42.00) 1.654	(45.66) 1.798

Note:
Some sizes, styles and
options are non-standard,
non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.