

(0.50 mm) .0197"

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 $^{\circ}$ C to +125 $^{\circ}$ C

Current Rating:

1.5 A per pin

(2 pins powered)

Voltage Rating:

125 VAC/175 VDC

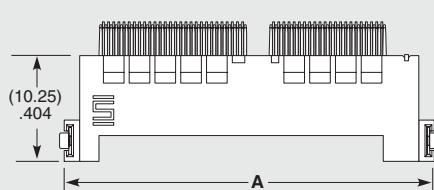
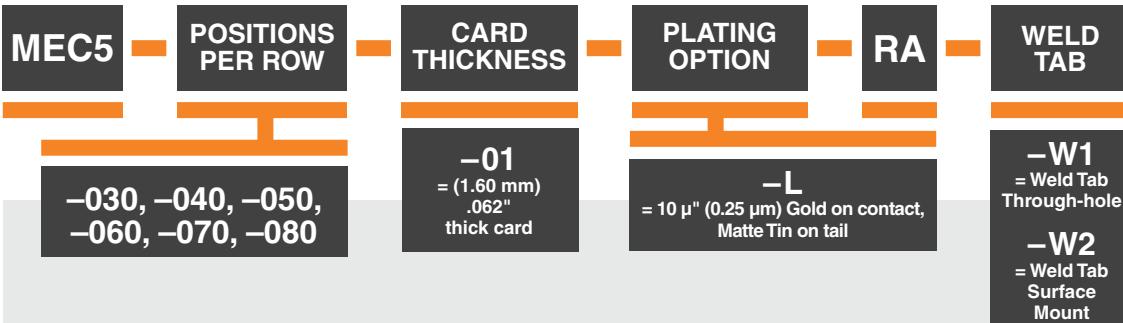
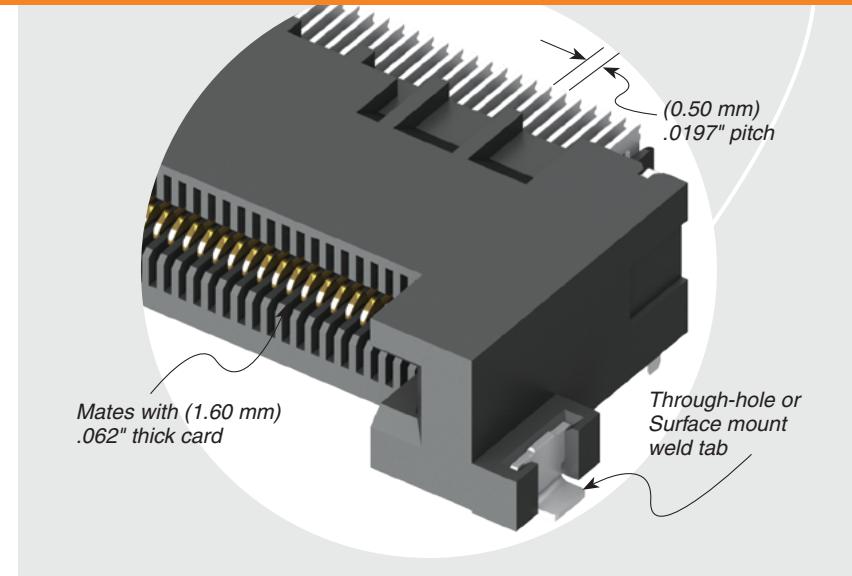
RoHS Compliant:

Yes

PROCESSING

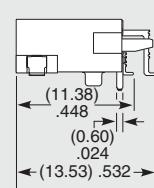
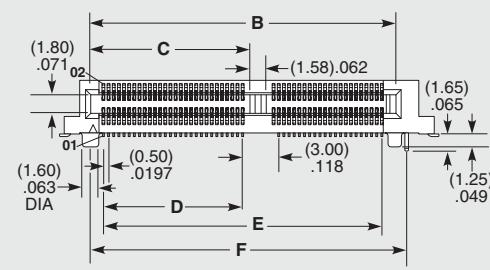
Lead-Free Solderable:
Yes

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



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.