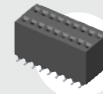
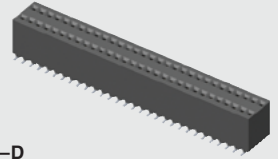


RSM-117-02-L-D



RSM-109-02-L-D



(1.27 mm) .050"

RSM SERIES

SMT MICRO SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?RSM

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Current Rating (RSM/FTR):

3.1 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Lead Size Accepted:

(0.46 mm) .018" SQ

Insertion Depth:

Top Entry = (2.64 mm) .104"

to (5.84 mm) .230" with

(0.38 mm) .015" wipe, or

pass-through.

Bottom Entry = (5.49 mm)

.216" minimum

(Add board thickness for

correct post OAL)

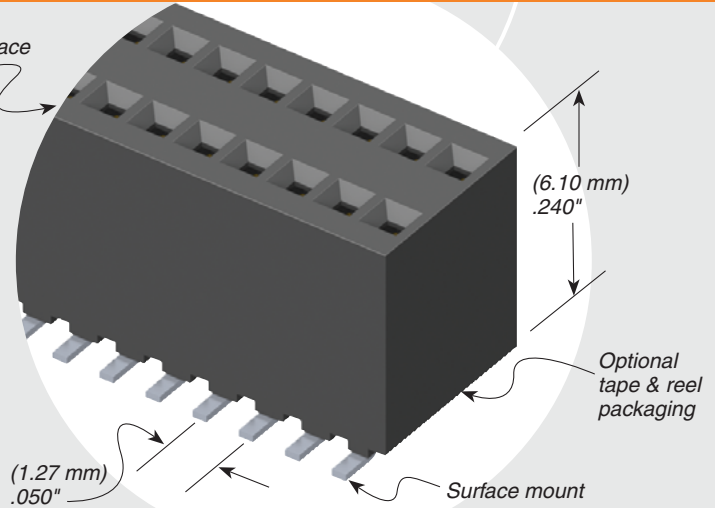
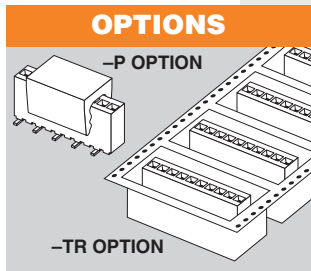
RoHS Compliant:

Yes

Mates with:

FTR, HTMS, HDWM,
DWM, TML, ZML, TMS

Optional
pick & place
pad



PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

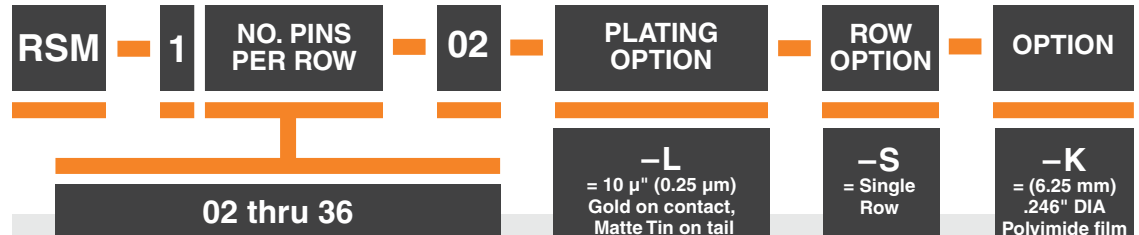
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Locking clips



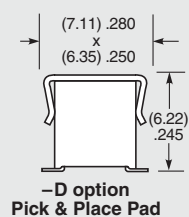
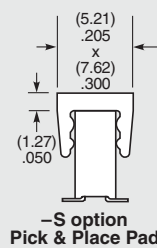
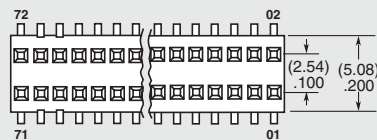
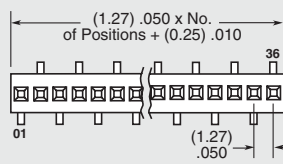
PLATING OPTION
-L
= 10 μ" (0.25 μm)
Gold on contact,
Matte Tin on tail

ROW OPTION
-S
= Single Row
-D
= Double Row

OPTION
-K
= (6.25 mm) .246" DIA
Polyimide film
Pick & Place Pad
(5 positions minimum for -D)
(7 positions minimum for -S)

-P
= Plastic
Pick & Place Pad
(-D = 5 positions minimum
-S = 6 positions minimum)

-TR
= Tape & Reel



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.