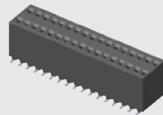
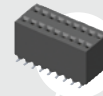


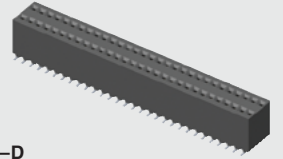
RSM-130-02-L-D



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

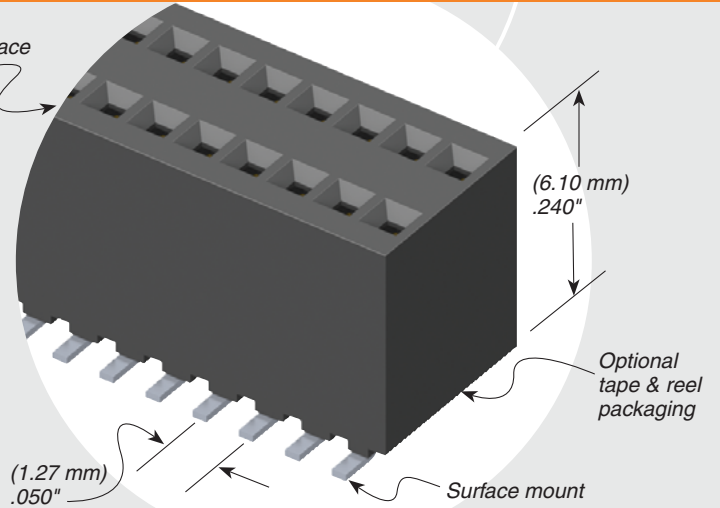
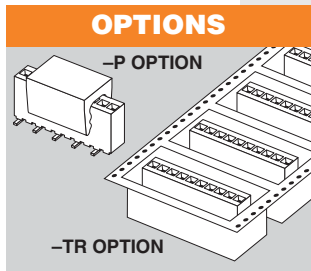
Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze

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

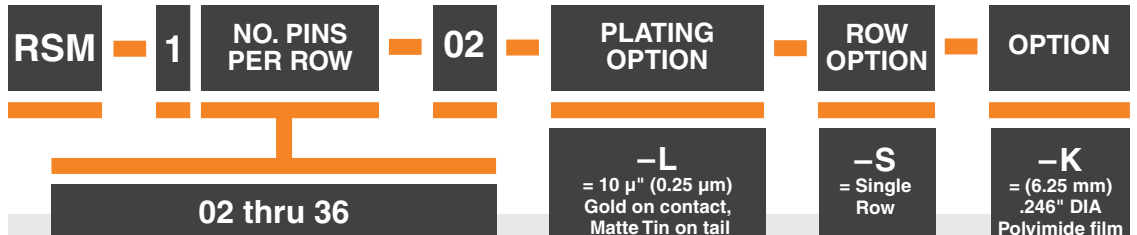
RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Other platings
- Locking clips



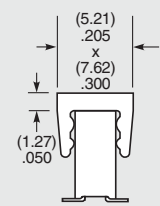
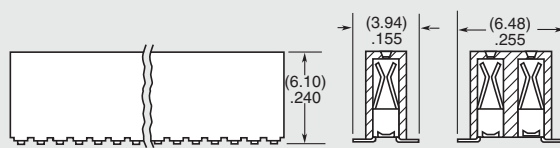
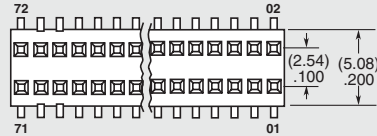
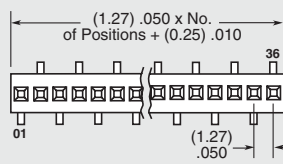
PLATING OPTION
-L
= 10 μ" (0.25 μm)
Gold on contact,
Matte Tin on tail

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

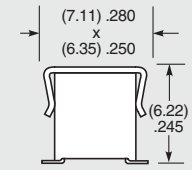
OPTION
-K
= (6.25 mm)
.246" DIA
Polyimide film
Pick & Place Pad
(5 positions minimum for -D)
(7 positions minimum for -S)

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

-TR
= Tape & Reel



-S option Pick & Place Pad



-D option Pick & Place Pad

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.

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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.

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