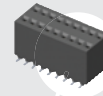
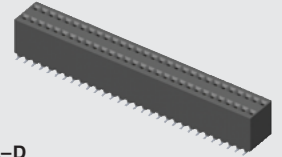


RSM-117-02-L-D



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
50µ" (1,27 µm) Ni
Current Rating (RSM/FTR):
3.1 A per pin
(1 pin powered per row)

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

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)

Insertion Force:

(Single contact only)
3.5 oz (0,97 N) avg.

Withdrawal Force:

(Single contact only)
1.5 oz (0,42 N) avg.

RoHS Compliant:
Yes

Processing:

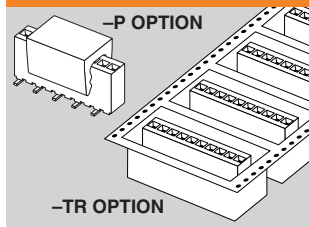
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,10 mm) .004" max

Mates with:

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

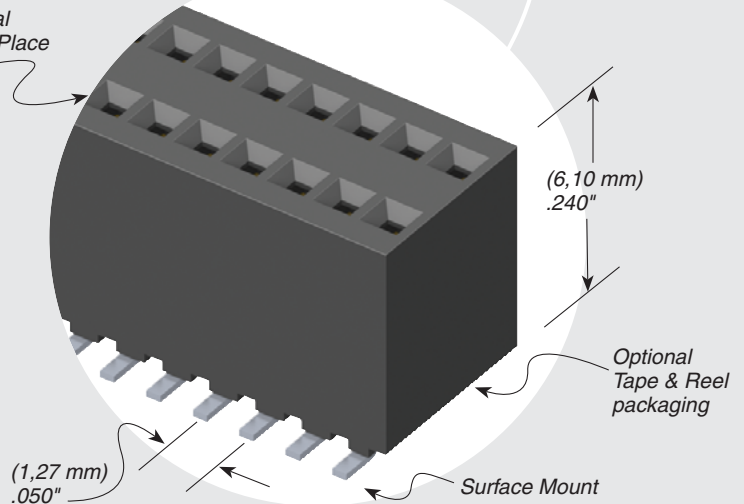
OPTIONS



ALSO AVAILABLE (MOQ Required)

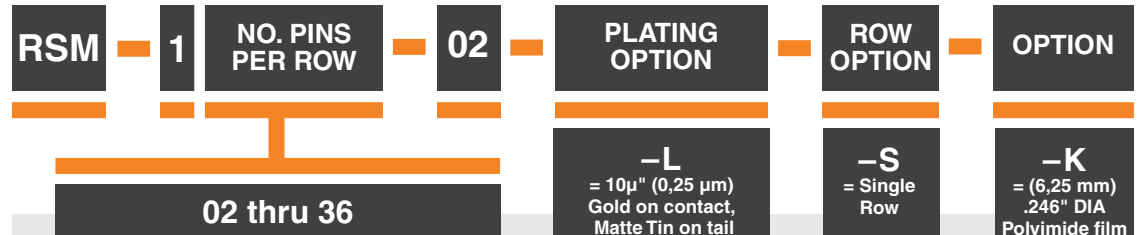
- Other platings
- Locking clips
- Contact Samtec.

Optional
Pick & Place
Pad



Optional
Tape & Reel
packaging

Surface Mount



-L
= 10µ" (0,25 µm)
Gold on contact,
Matte Tin on tail

-S
= Single
Row
-D
= Double
Row

-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

RECOGNITIONS

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

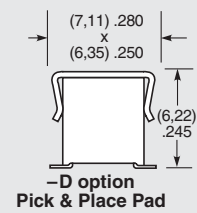
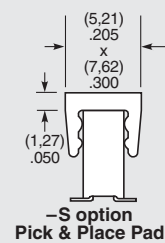
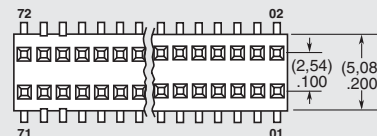
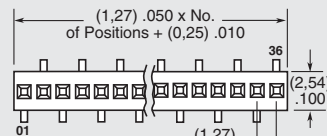


FILE NO. E111594 FILE NO. 090871_0_000

TAPE & REEL AVAILABILITY

No tooling charges.
Minimum order is the lesser of
a full reel quantity or 125 pieces.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.

Call Samtec for specifications
and ordering information.



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