

(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 μ m) 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 m Ω

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

-P OPTION

-TR OPTION

ALSO AVAILABLE (MOQ Required)

- Other platings
- Locking clips

Contact Samtec.

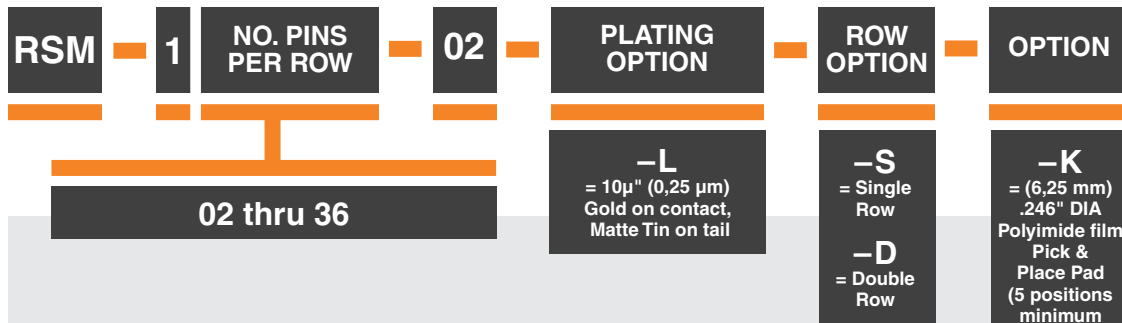
Optional
Pick & Place
Pad

(1,27 mm)
.050"

(6,10 mm)
.240"

Optional
Tape & Reel
packaging

Surface Mount



RECOGNITIONS

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

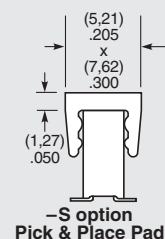
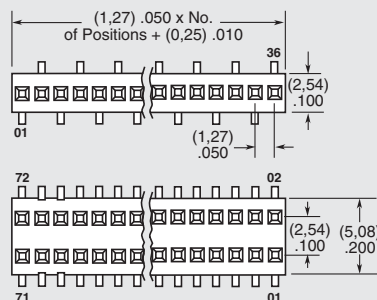


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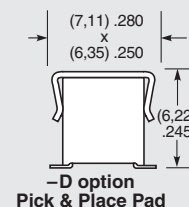
TAPE & REEL AVAILABILITY

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.



-S option
Pick & Place Pad



-D option
Pick & Place Pad

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