

(1,27mm) .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:

1A

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 m Ω max

Lead Size Accepted:

(0,46mm) .018" SQ

Insertion Depth:

Top Entry = (2,64mm) .104"

to (5,84mm) .230" with

(0,38mm) .015" wipe, or

pass-through.

Bottom Entry = (5,49mm)

.216" minimum (Add

board thickness for correct

post OAL)

Insertion Force:

(Single contact only)

3.5oz (0,97N) avg.

Withdrawal Force:

(Single contact only)

1.5oz (0,42N) avg.

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max



Mates with:
FTR, HTMS, HDWM,
DWM, TML, ZML, TMS

OPTIONS

-P OPTION

-TR OPTION

APPLICATION SPECIFIC OPTION

Locking clips available.
Call Samtec.

Optional
Pick & Place
Pad

RSM-110-02-L-D-K

RSM-130-02-L-D

RSM-120-02-L-S

(6,10mm)
.240"

Optional
Tape & Reel
packaging

Surface Mount

(1,27mm)
.050"

RSM

1

NO. PINS
PER ROW

02

PLATING
OPTIONROW
OPTION

OPTION

02 thru 36

-L

= 10 μ " (0,25 μ m)
Gold on contact,
Matte Tin on tail

Note: Other Gold plating
options available.
Contact Samtec.

-S

= Single
Row

-D
= Double
Row

-K

= (6,25mm)
.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

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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

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