

ISOLATED POWER/2mm SIGNAL TPCM, TPCF

SPECIFICATIONS

For complete specifications see www.samtec.com?TPCM or www.samtec.com?TPCF

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material (TPCM):

Phosphor Bronze

Contact Material (TPCF):

Phosphor Bronze

Plating:

Sn or Au over 50μ" (1,27μm) Ni

Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

Voltage Rating:

Signal Pins: 425 VAC

Power Pins: 925 VAC

Insertion Force (TPCF):

(Single contact only)

4oz (1,11N) avg

Withdrawal Force (TPCF):

(Single contact only)

3oz (0,83N) avg

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

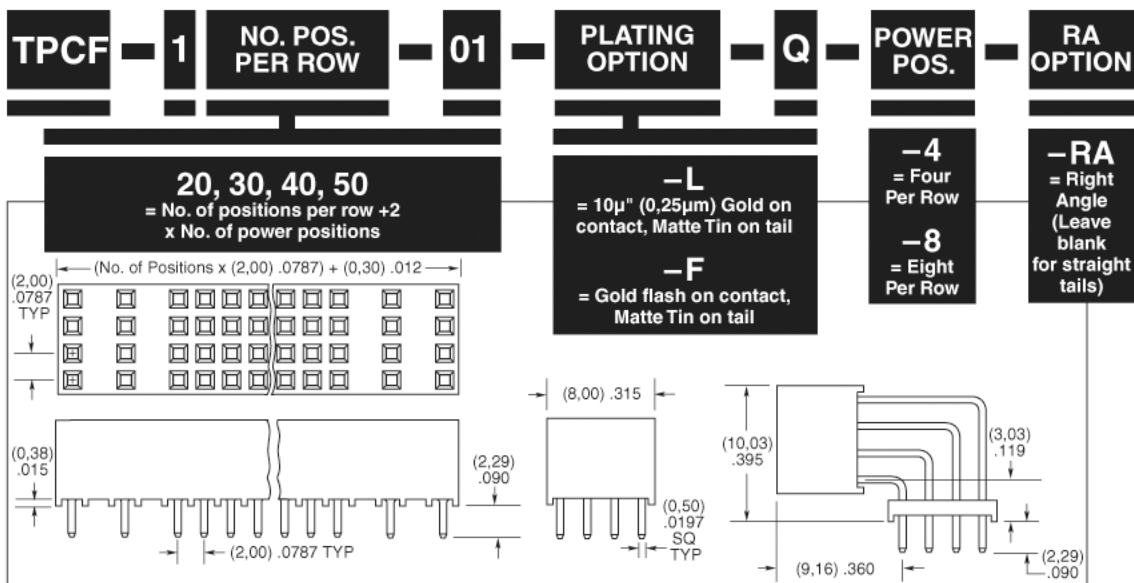
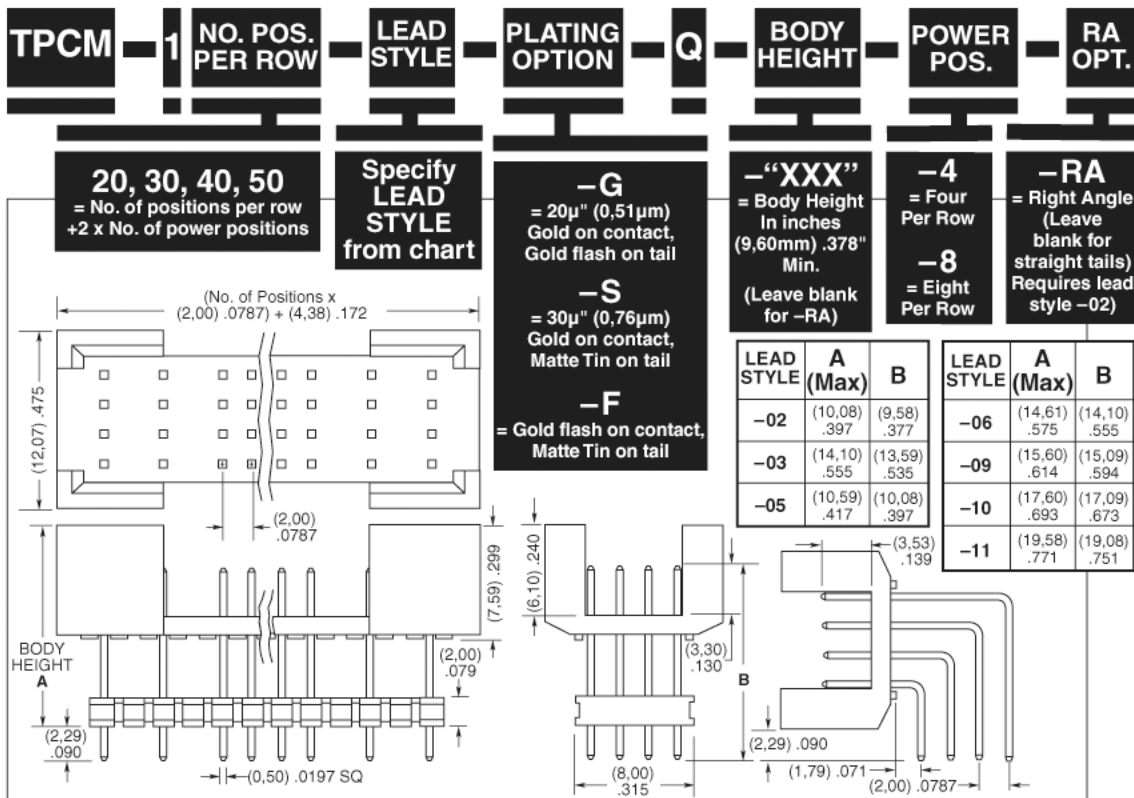
Lead-Free Solderable:

Yes

CURRENT RATING

AMBIENT TEMP	TPCF/TPCM
20°C	4.9A
40°C	4.4A
60°C	3.8A
95°C	2.6A

4 POSITIONS IN LINE, GOLD PLATED



Note:
Some lengths, 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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