



Rack and Panel Connectors Subminiature Rectangular





ELECTRICAL SPECIFICATIONS

Current Rating: 7.5 A Breakdown Voltage: At sea level: 2000 V_{RMS}

At 70 000 feet [21 336 meters]: 500 V_{RMS}

PHYSICAL SPECIFICATIONS

Number of Contacts: 5, 7, 11, 14, 20, 26, 34, 42, 50, 75

Contact Spacing: 0.120" [3.05 mm]

Contact Gauge: #20 AWG

Minimum Creepage Path Between Contacts:

0.080" [2.03 mm]

Minimum Air Space Between Contacts: 0.050" [1.27 mm]

FEATURES

- Lightweight
- Polarized by guides or screwlocks
- Screwlocks lock connectors together to withstand vibration and accidental disconnect
- · Overall height kept to a minimum
- Floating contacts aid in alignment and in withstanding vibration
- Contacts, precision machined and individually gauged, provide high reliability
- Insertion and withdrawal forces kept low without increasing contact resistance
- Contact plating provides protection against corrosion, assures low contact resistance and ease of soldering

APPLICATIONS

For use wherever space is at a premium and a high quality connector is required in avionics, automation, communications, controls, instrumentation, missiles, computers and guidance systems.

MATERIAL SPECIFICATIONS

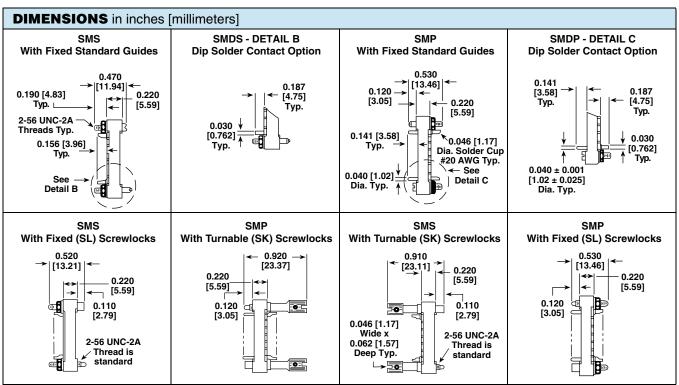
Contact Pin: Brass, gold plated

Contact Socket: Phosphor bronze, gold plated

(Beryllium copper available on request) **Guides:** Stainless steel, passivated **Screwlocks:** Stainless steel, passivated

Standard Body: Glass-filled diallyl phthalate per MIL-M-14,

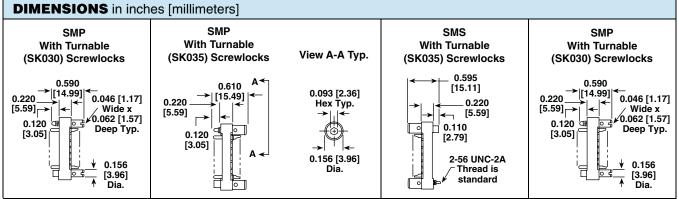
Model GDI-30F, green

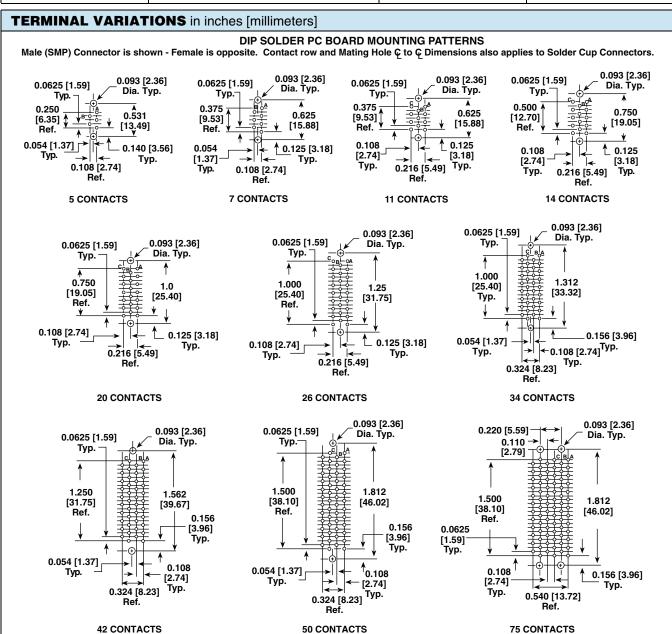


Vishay Dale

Rack and Panel Connectors Subminiature Rectangular







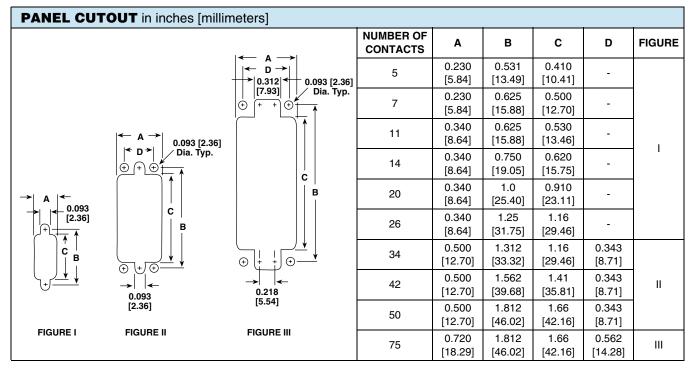


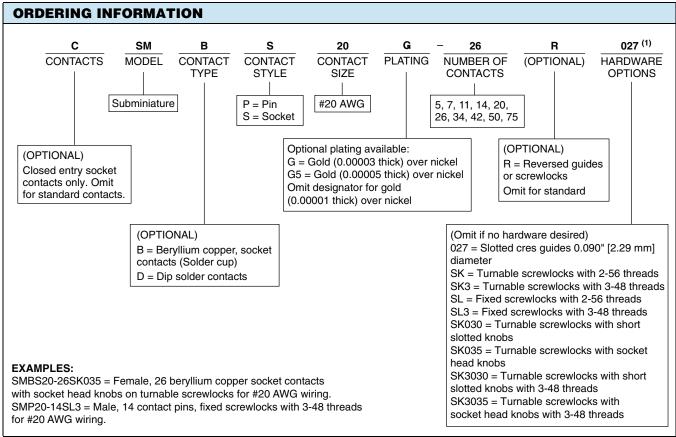
DIMENSIONS in inches [millimeters] NOTE: The views below show the wiring side of a pin model connector (female is opposite). Socket hardware is assembled at "A" contact end of a pin model connector. 0.230 0.340 [8.64] 0.170 0.230 0.340 [8.64] [5.84] 0.170 [4.32][5.84] [8.64] 0.170 [4.32]0.090 [2.29] [4.32]**(** O_A O_B O_F R Typ. \odot **⊕** oc OD 0E 0 P В O EO JO MO OH 0, 0.750 70 FO TO 0.780 BO DO 1 [25.40] **4**0 00 ш0 0.625 0.625 OL ON OS [19.05] OF OF OF е О К О 0.531 [19.81] [15.88] 0.870 [15.88] _{0.870} 0 P O D O O O % ^M° [13.49] F P [22.10] [22.10] [25.40] [31.75] $\widehat{\oplus}$ Ѿ **5 CONTACTS** 7 CONTACTS 11 CONTACTS 14 CONTACTS 20 CONTACTS 0.500 0.500 [12.70] [12.70] 0.340 0.340 0.340 [8.64] 0.250 [8.64] 0.170 [8.64] 0.250 [6.35] [4.32] [6.35] $\bigoplus \bigoplus \bigoplus$ (E) \oplus \oplus \oplus ႝၹ ^do□ OB OF OD OE OK الاه _{وه} الا 1.25 κъς os^{oN} [31.75] Po 10 YO CO OL OM OS 1.312 Ø X 1.562 GP OR OV [33.32] [39.68] ام م م 1.50 HO NO SS Oz Oa Od 1.56 [38.10] [39.62] [46.23] gp-du ss T **①** \oplus \oplus \oplus \oplus **26 CONTACTS** 34 CONTACTS **42 CONTACTS** 0.720 0.156 [3.96] [18.29] **Female Screwlock Socket** 0.500 0.560 or Guide Socket [12.70] |^{*}[14.22] |*|+→| 0.340 0.090 0.220 [8.64] 0.250 [5.59] [2.29] [6.35]Тур. _ ⊕<u>`</u>⊕ <u>⊕</u>¦@¦<u>⊕</u> co EC BO KO MO NO JO SO UO NO RO TO VO **Female Guide** TYPICAL END VIEW Socket 1.812 34 THRU 50 CONTACTS 1.812 [46.02] [46.02] 2.06 [52.32] [52.32] Male Screwlock Pin ♦ 0.090 or Guide Pin [2.29] မွ မွ aO_{bO}cO_{dO} Typ. **⊕**.€ $\oplus | \oplus | \oplus$ 0.156 [3.96] Typ. Male Guide Pin **TYPICAL END VIEW** 75 CONTACTS **50 CONTACTS 75 CONTACTS**

Vishay Dale

Rack and Panel Connectors Subminiature Rectangular







Note

(1) To order complete connector with hardware supplied unassembled, add suffix "UA" on end of hardware designation.

Document Number: 36010 Revision: 05-May-09



Legal Disclaimer Notice

Vishay

Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. Product names and markings noted herein may be trademarks of their respective owners.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for vishay manufacturer:

Other Similar products are found below:

M39006/22-0577H Y00892K49000BR13L VSKT250-16PBF M8340109M6801GGD03 NTCALUG01A103F291L ITU1341SM3 VS-MBRB1545CTPBF 1KAB100E 1KAB20E CP0005150R0JE1490 S472M69Z5UR84K0R MKP1848C65090JY5L 562R5GAD47RR CRCW1210360RFKEA VSMF4720-GS08 TSOP34438SS1V CRCW04024021FRT7 001789X CRCW08054K00FKTA LVR10R0200FE03 CRCW12063K30FKEAHP 009923A CRCW2010331JR02 CRCW25128K06FKEG CS6600552K000B8768 CSC07A0110K0GPA M34C156K100BZSS M39003/01-2289 M39003/01-2784 M39006/25-0133 M39006/25-0228 M64W101KB40 M64Z501KB40 CW001R5000JS73 CW0055R000JE12 CW0056K800JB12 CW0106K000JE73 672D826H075EK5C CWR06JC105KC CWR06NC475JC MAL219699001E3 MCRL007035R00JHB00 92MT80KPBF PTF56100K00QYEK PTN0805H1502BBTR1K RCWL1210R130JNEA RH005220R0FE02 RH005330R0FC02 RH010R0500FC02 132B20103