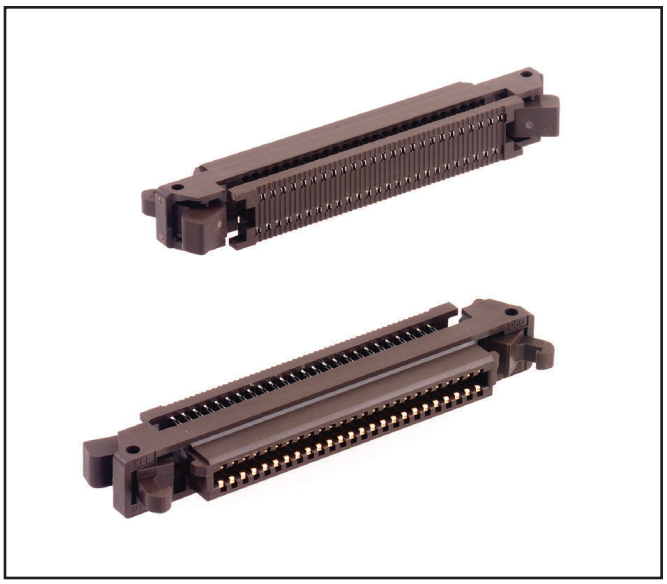
3M™ Pak 50 Low Profile Wiremount Socket

.050" for .025" Pitch Cable

P25LE Series



- P25LE terminates 25 mil pitch, 30 AWG stranded wire, PVC insulated, flat ribbon cable
- Low profile 11.8 mm mated height
- P50LE mate offers surface mount, straight and right angle thru-hole options
- Latch/eject mechanism maintains a secure connection
- Cable strain relief standard
- Tooling available for customer cable assembly termination
- Visit 3M.com/regs or contact your 3M representative to find the RoHS compliance status of the 3M part you are interested in.

Date Modified: April 3, 2017

Physical

Insulator:	
Material:	Glass Filled Nylon
Flammability:	UL 94V-0
Color:	Brown
Contact Material:	Phosphor Bronze
Plating:	
Underplating:	Nickel
Wiping Area:	Gold Flash
Termination Area:	Gold Flash
Wire Accommodation:	30 AWG Stranded PVC Flat Ribbon Cable (3M #3754 or approved equivalent)
Mating Compatibility:	TS-1148

Electrical

Current Rating:	0.5 A
Insulation Resistance:	$> 1 \times 10^9\ \Omega$ at 250 V_{DC}
Withstanding Voltage:	300 V_{AC} for 1 minute

Environmental

Temperature Rating:	-55ºC to +85ºC

UL File No.: E68080

3M is a trademark of 3M Company.
For technical, sales or ordering information call
800-225-5373

3M™ Pak 50 Low Profile Wiremount Socket

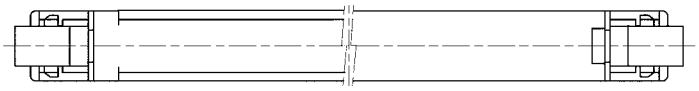
.050" for .025" Pitch Cable

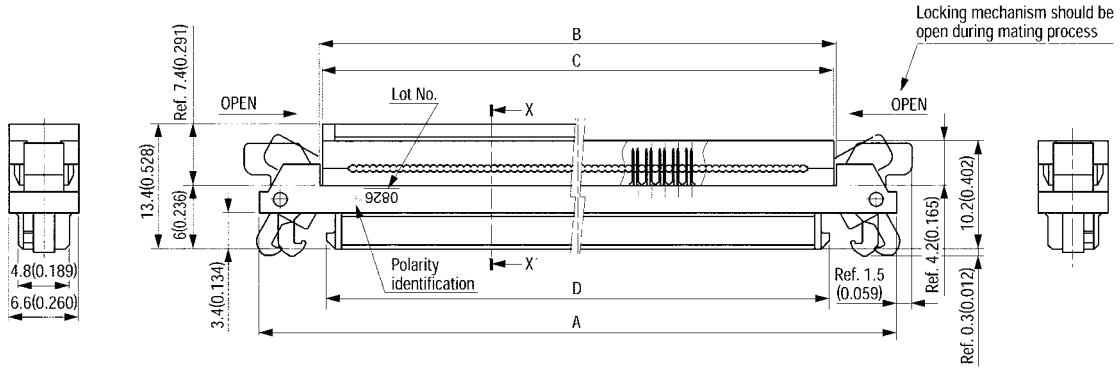
P25LE Series

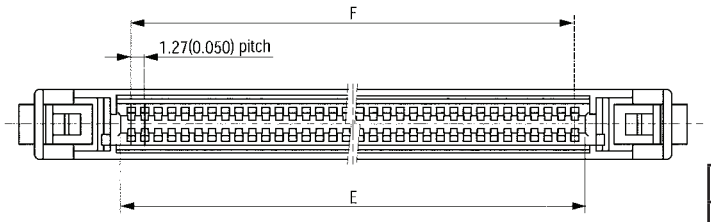
Product Table / Dimensions

Contact Quantity	A	B	C	D	E	F
20	29.63 [1.167]	18.23 [0.718]	17.83 [0.702]	17.03 [0.670]	13.43 [0.529]	11.43 [0.450]
30	35.98 [1.417]	24.58 [0.968]	24.18 [0.952]	23.38 [0.920]	19.78 [0.779]	17.78 [0.700]
40	42.33 [1.667]	30.93 [1.218]	30.53 [1.202]	29.73 [1.170]	26.13 [1.029]	24.13 [0.950]
50	48.68 [1.917]	37.28 [1.468]	36.88 [1.452]	36.08 [1.420]	32.48 [1.279]	30.48 [1.200]

Contact Quantity	A	B	C	D	E	F
60	55.03 [2.167]	43.63 [1.718]	43.23 [1.702]	42.43 [1.670]	38.83 [1.529]	36.83 [1.450]
68	60.11 [2.367]	48.71 [1.918]	48.31 [1.902]	47.51 [1.870]	43.91 [1.729]	41.91 [1.650]
80	67.73 [2.667]	56.33 [2.218]	55.93 [2.202]	55.13 [2.170]	51.53 [2.029]	49.53 [1.950]
100	80.43 [3.167]	69.03 [2.718]	68.63 [2.702]	67.83 [2.670]	64.23 [2.529]	62.23 [2.450]







mm [Inch]

Tolerance Unless Noted

	0.0	0.00
< 10.0 mm	± 0.2 [.008]	± 0.10 [.004]
≥ 10.0 mm	± 0.3 [.012]	

( ) and [ ] Dimensions used for Reference Only

Note: Strain relief standard.

Conn Size	Locator Plate PN
20	3443-127A
40	3443-127B
30 & 50	3443-127C
60	3443-127D
68	3443-127E
80 & 100	3443-127F

Ordering Information

P25LE - XXXS - DA (RIA E1 and C1 apply)

Contact Quantity:
See Table

TS-1142-C
Sheet 2 of 2

3M is a trademark of 3M Company.

For technical, sales or ordering information call
800-225-5373

Regulatory: For regulatory information about this product, contact your 3M representative.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OR TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

3M

3M Electronics Materials Solutions Division
6801 River Place Blvd.
Austin, TX 78726-9000
U.S.A.
1-800-225-5373
www.3Mconnectors.com

3M is a trademark of 3M Company.
Please recycle. Printed in USA.
© 3M 2017. All rights reserved.
RIA-2217B-E

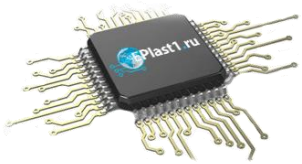
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.