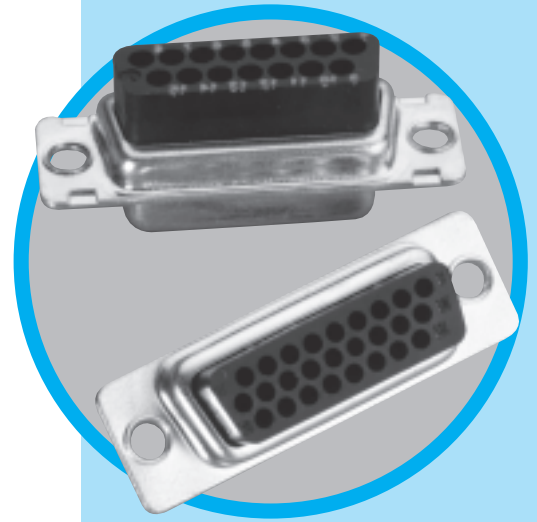


RR-HR

D-Sub connectors - Stamped and Formed Contacts

REAR RELEASE CRIMP CONNECTORS



CHARACTERISTICS

Specifications

- Connectors according to MIL C24308

Materials and Platings		
Shells	Tinned steel with or without dimples on plug connector	
Insulator Boardlock	Black glass-filled thermoplastic, UL 94V-0	
Screwlock	Brass, 3µm up to 5µm (118µ" up to 197µ") tinned over nickel 2µm up to 3µm (78µ" up to 118µ")	
	Brass, 6µm up to 10µm (236µ" up to 394µ") tinned over nickel 2µm up to 3µm (78µ" up to 118µ")	
Contacts	Under plating	Crimp side
0.2µm (8µ") gold	2µm (78µ") nickel	gold flash or tin
0.5µm (20µ") gold	2µm (78µ") nickel	gold flash or tin
0.76µm (30µ") gold	2µm (78µ") nickel	gold flash or tin

Electrical Data	
Current rating	5A
Voltage rating	500V AC/rms 50Hz
Withstanding voltage	RR: 1000V AC/rms 50Hz for 1 minute HR: 1000V AC/rms 60Hz for 1 minute
Insulation resistance	RR: 5000MΩ HR: 1000MΩ
Contact resistance	10mΩ max
Wire size	20-28 AWG max insulation Ø1.27mm (.05")

Climatic Data	
Operating temperature	-55°C to +125°C

Mechanical Data					
Mating and unmating force Unit: kg (lb)					
No. of Cts		Mate (max)		Unmate (min)	
RR	HR	RR	HR	RR	HR
9 (size E)	15 (size E)	3.05 (6.74)	3.81 (8.42)	0.36 (0.79)	0.52 (1.14)
15 (size A)	26 (size A)	5.09 (11.24)	5.95 (13.16)	0.46 (1.01)	1.05 (2.32)
25 (size B)	44 (size B)	8.44 (18.66)	9.26 (20.46)	0.81 (1.8)	1.37 (3.02)
37 (size C)	62 (size C)	12.51 (27.65)	13.48 (29.78)	1.1 (2.47)	1.76 (3.88)
50 (size D)	78 (size D)	14.65 (32.38)	15.82 (34.96)	1.6 (3.56)	2.02 (4.46)

DESCRIPTION

Designed for high volume production, Amphenol's rear release crimp connector and contacts provide significant cost saving.

- EMI / RFI shell configuration.
- Removable, reusable contacts.
- Automatic and manual tooling available.

*Simplify
your cable
assemblies*

APPLICATIONS

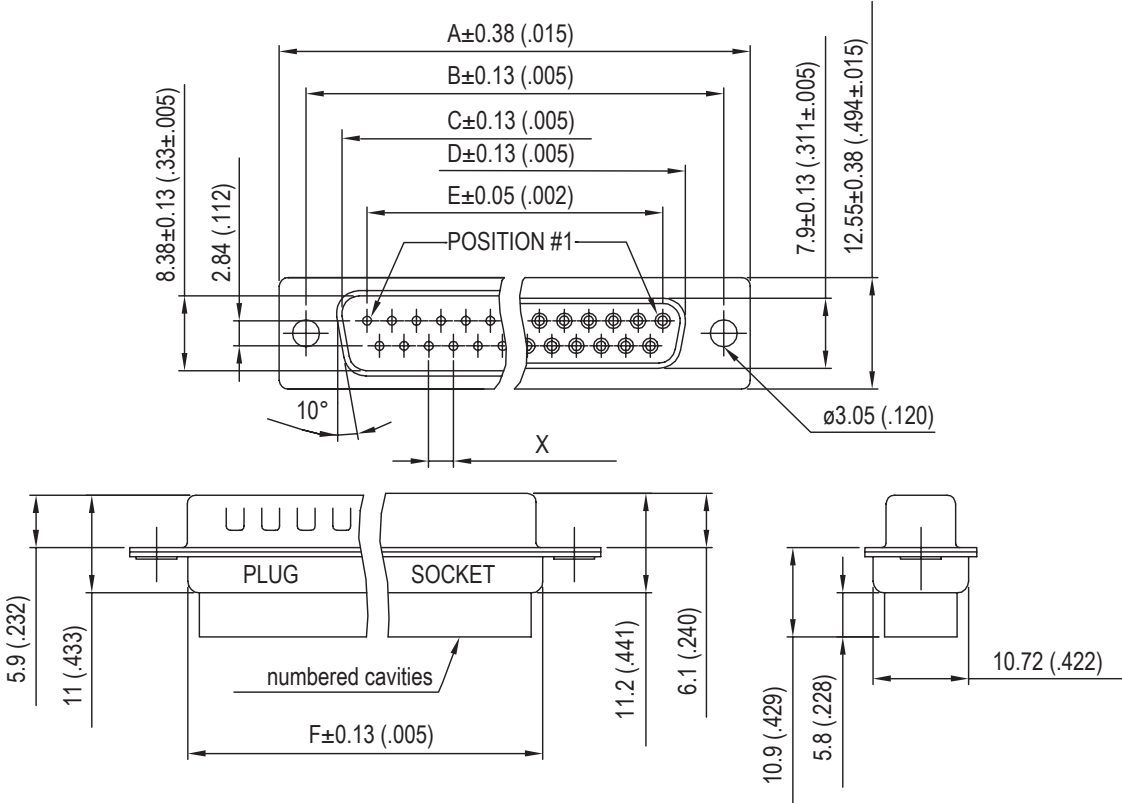
- Commercial
- Industrial
- Telecom
- Any industry standard I / O connections



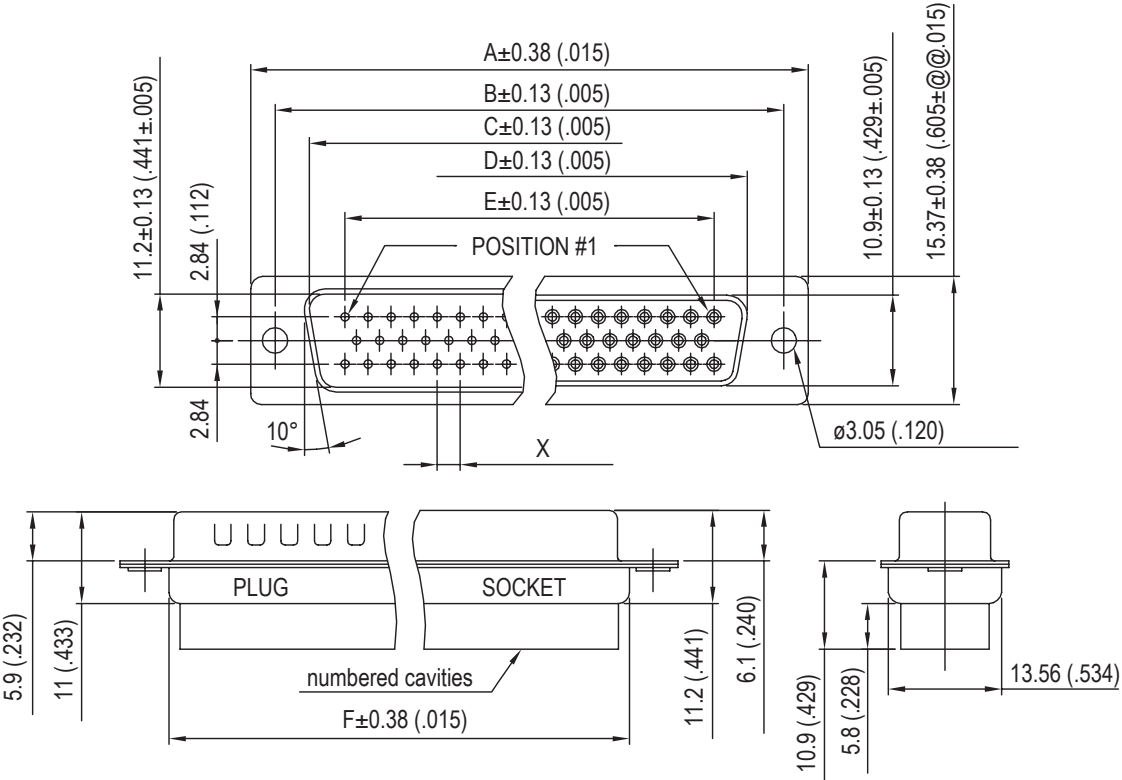
Amphenol

RR-HR / E11

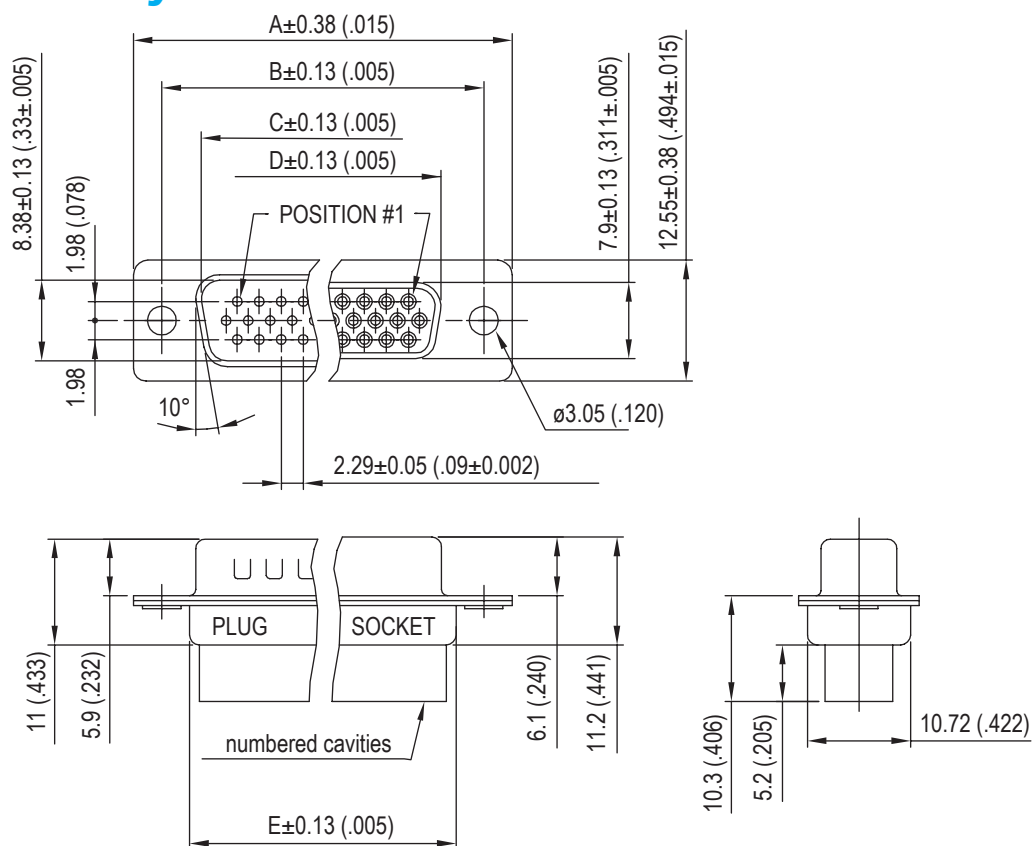
Standard density RR



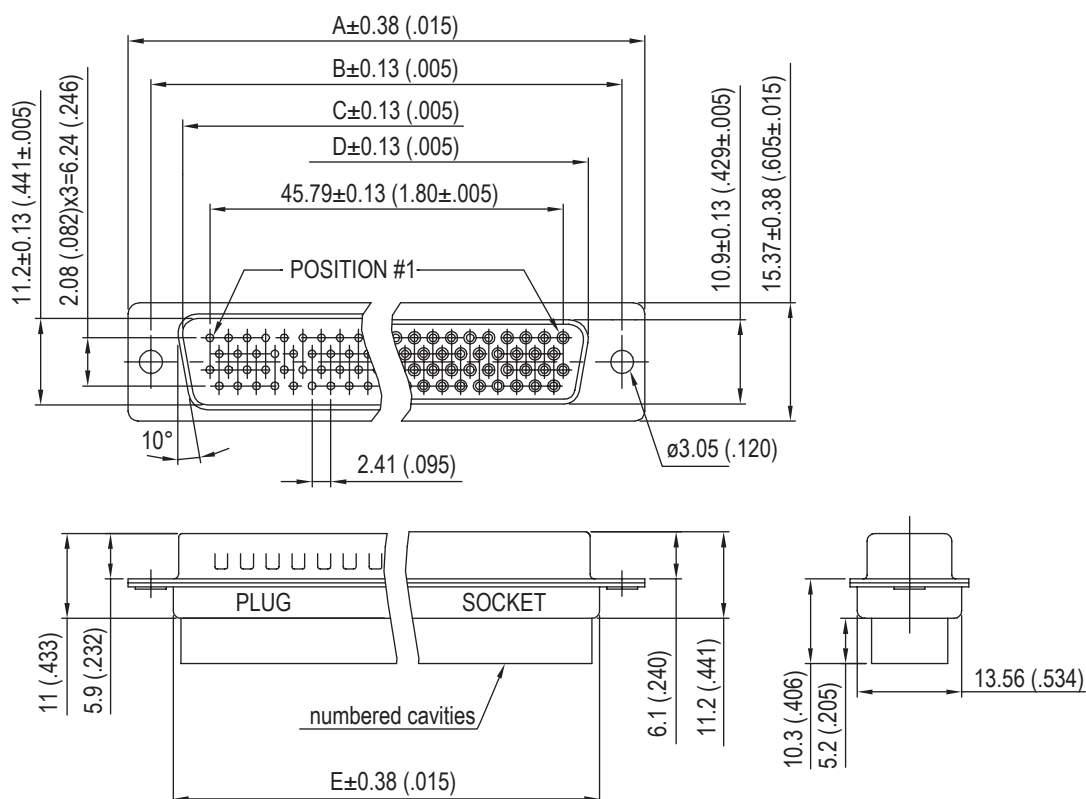
Nb OF CONTACTS	DIMENSIONS mm (inch)						
	A	B	C	D	E	F	X
9	30.84 (1.21)	24.99 (.98)	16.92 (.67)	16.24 (.64)	11.09 (.44)	19.28 (.76)	2.74
15	39.24 (1.54)	33.32 (1.31)	24.7 (.972)	24.56 (.97)	19.39 (.76)	27.51 (1.08)	2.74
25	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.38 (1.51)	33.24 (1.31)	41.30 (1.63)	2.77
37	69.32 (2.73)	63.50 (2.50)	55.42 (2.18)	54.76 (2.16)	49.86 (1.96)	57.71 (2.27)	2.77
50	67 (2.64)	61.11 (2.41)	52.86 (2.08)	52.34 (2.06)	44.32 (1.75)	55.3 (2.18)	2.77



High density HR

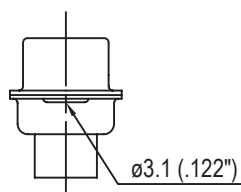


Nb OF CONTACTS	DIMENSIONS mm (inch)				
	A	B	C	D	E
15	30.84 (1.21)	24.99 (.98)	16.92 (.67)	16.24 (.64)	19.28 (.76)
26	39.24 (1.54)	33.32 (1.31)	24.7 (.972)	24.56 (.97)	27.51 (1.08)
44	53.04 (2.09)	47.04 (1.85)	38.96 (1.53)	38.38 (1.51)	41.30 (1.63)
62	69.32 (2.73)	63.50 (2.50)	55.42 (2.18)	54.76 (2.16)	57.71 (2.27)
78	67 (2.64)	61.11 (2.41)	52.86 (2.08)	52.34 (2.06)	55.3 (2.18)

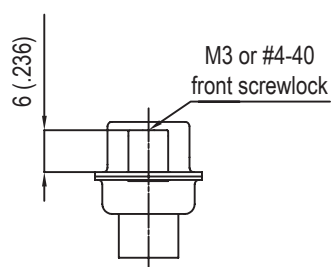


Panel mounting option

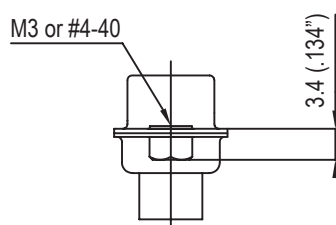
Standard density:



Standard rivet ø 3.1mm
no digit

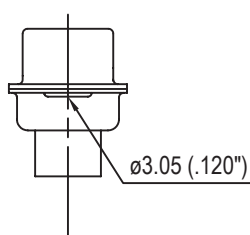


Fixed front female screwlock
VF / VFM

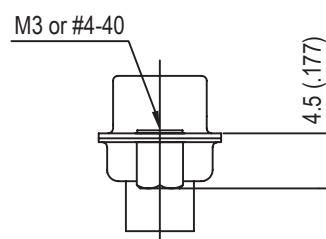


Threaded rear insert
H / G

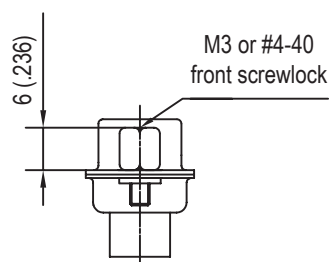
High density:



Standard rivet ø3.05mm
no digit



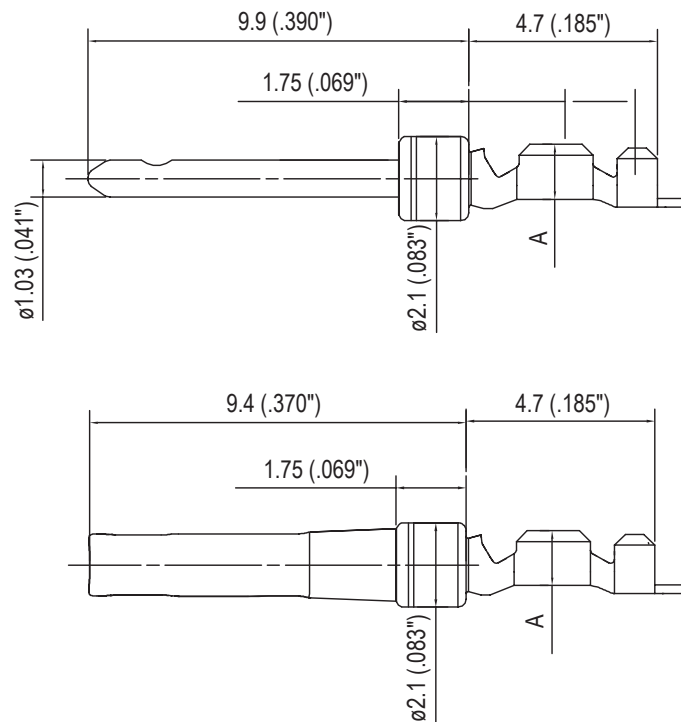
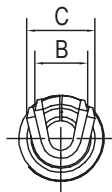
Threaded rear insert
H / G



Fixed front female screwlock
VF / VFM

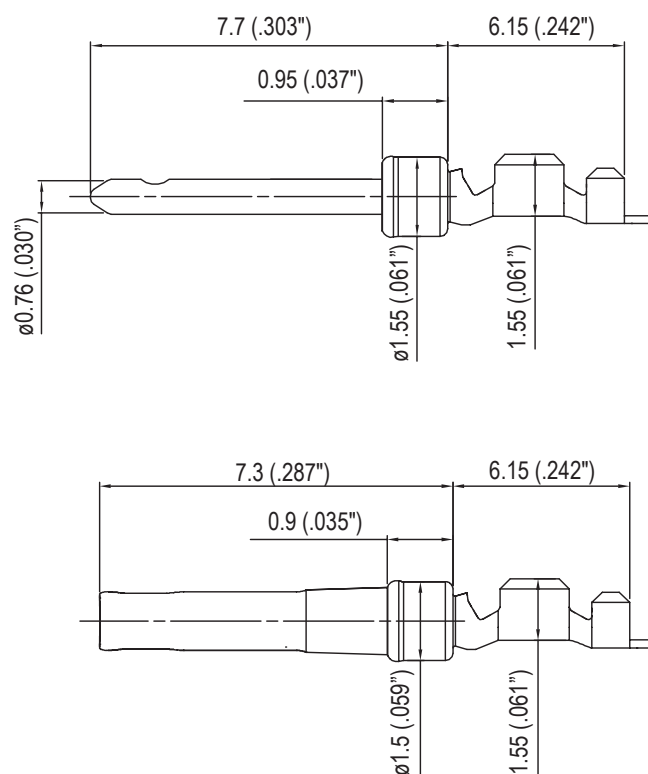
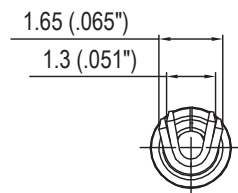
Contacts

Standard density:



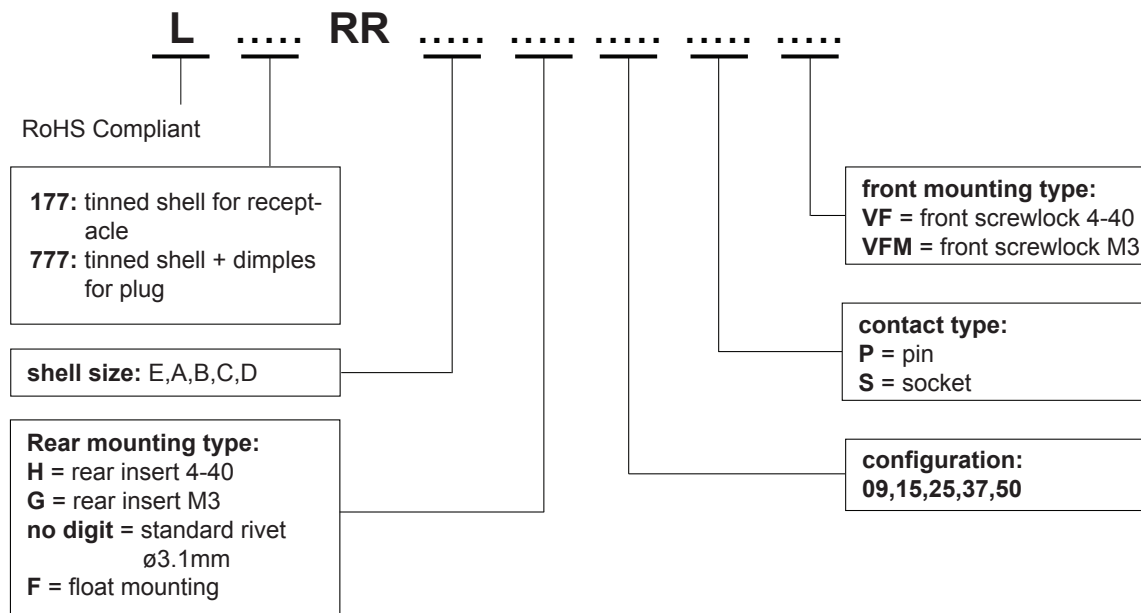
AWG	A	B	C
20-24	1.8 (.071")	1.9 (.075")	2.5 (.098")
24-28	1.4 (.055")	1.5 (.059")	1.7 (.066")

High density:

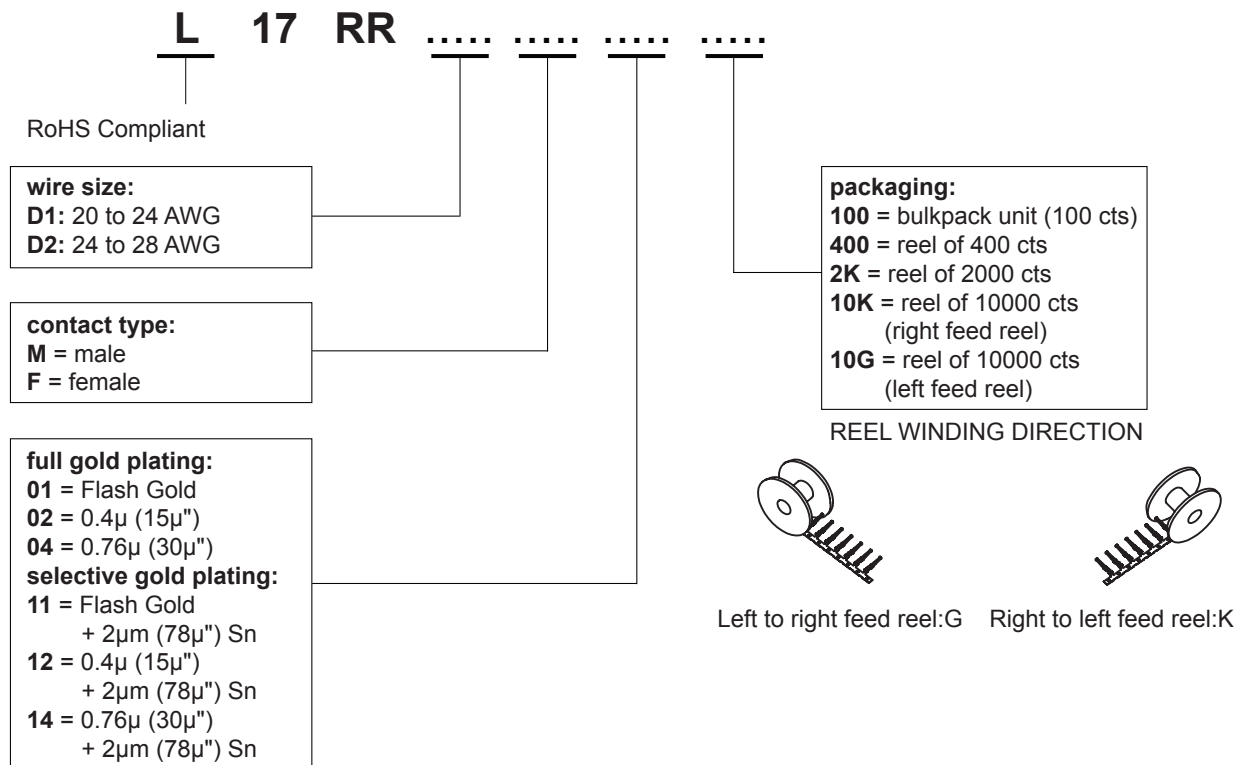


How to order RR (standard density)

Housings



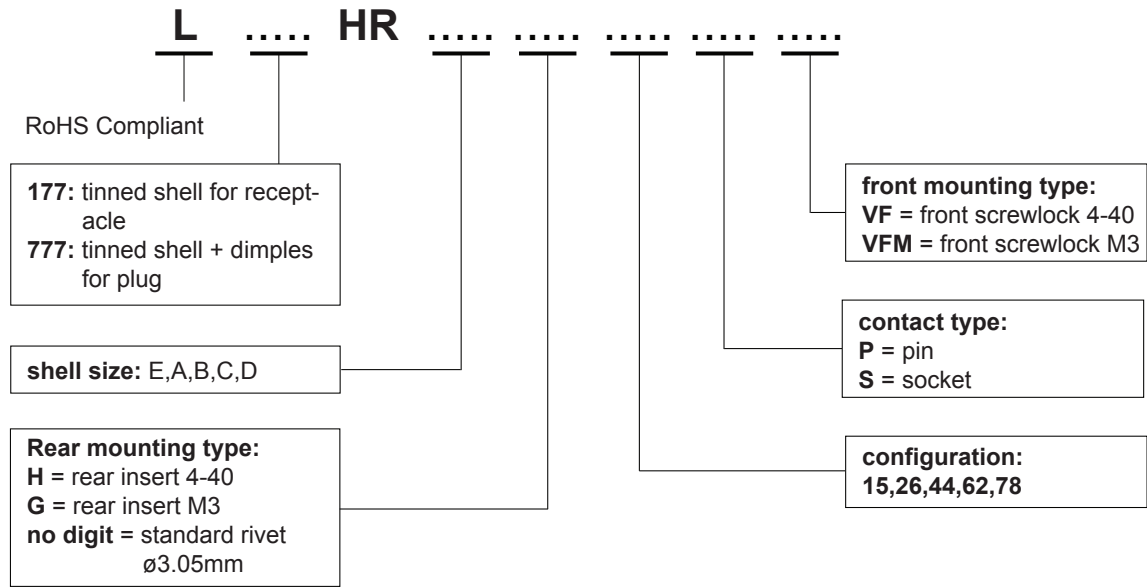
Contacts



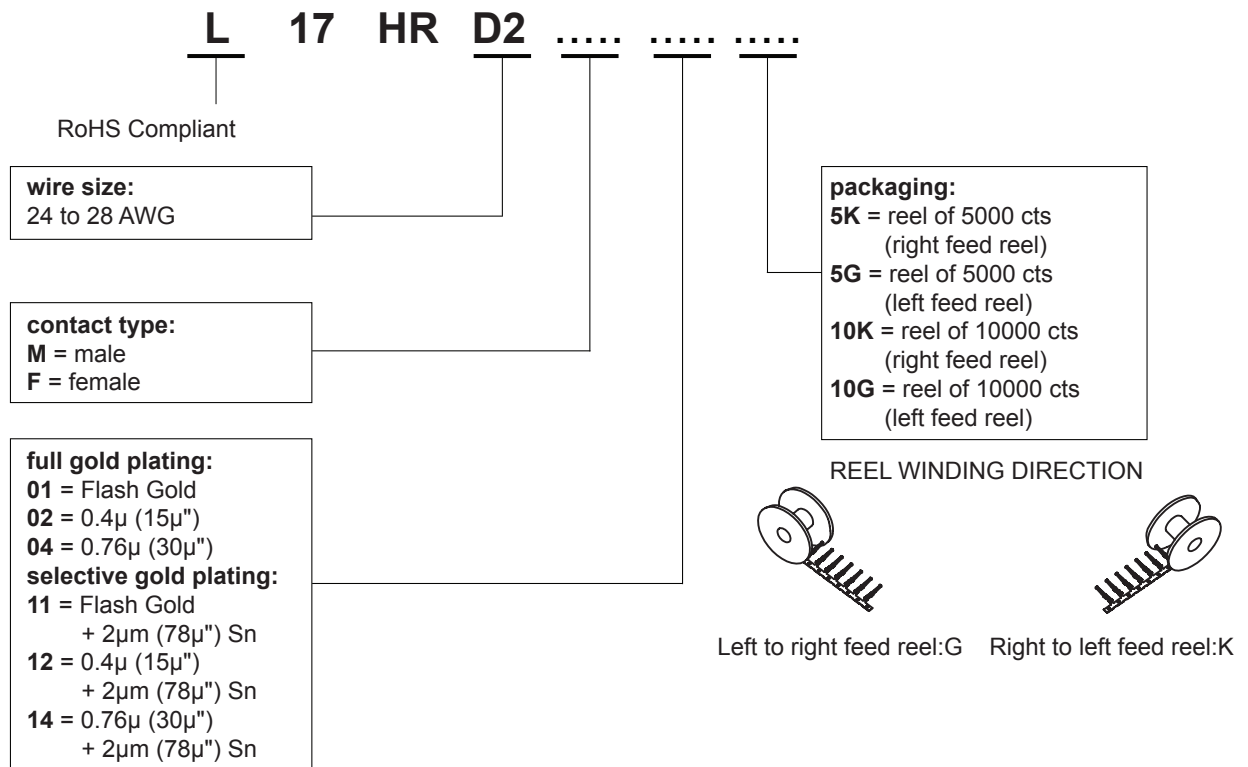
For special request, please consult factory

How to order HR (high density)

Housings



Contacts



For special request, please consult factory

Tooling for crimp contacts

For standard density crimp contacts: 17RR series

- contact insertion and removal tool 17D 438 SP
- hand crimp tool for single contacts AWG 20 to 28 17D 440 SP
- hand crimp tool for reels of 400 contacts
 - crimp dies: AWG 20 to 24 FA 0000 762
 - crimp dies: AWG 24 to 28 FA 0000 104
- stripping box FE 0400
- automatic crimp machine for reels of 2000 to 10000 contacts
 - crimp dies: AWG 20 to 24 970 MC
 - crimp dies: AWG 24 to 28 968 MC

For high density crimp contacts: 17HR series

- automatic crimp machine for reels of 2000 to 10000 contacts
 - crimp dies: AWG 24 to 28 970 MC
 - 973 MC

Do not hesitate to contact us for further information



Amphenol

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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

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