tyco Electronics

.8mm Free Height (FH) Connector System

Now offering 30u" Gold Plating Options and Right Angle Plugs

DESCRIPTION

The popular .8mm FH connector system is now available with 30u" Gold Plating. In addition, a right angle plug in 60 and 80 positions is also available. The right angle plug product is a thru-hole, while the balance of the product line remains surface mount.



APPLICATION

The 30u" Gold product is intended for stacking applications in high end Computer, Telecommunications, Industrial, and Mil/Aero applications. The right angle plug is ideal for test cards and card extenders, and mates to standard vertical receptacles.

KEY FEATURES

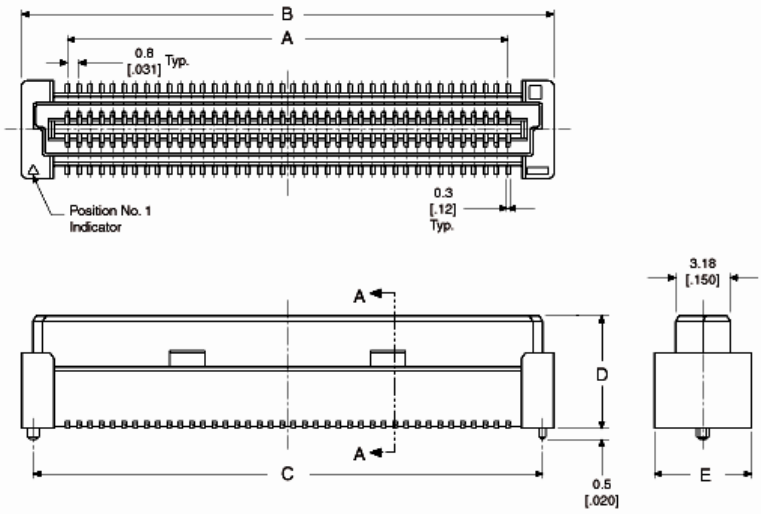
- Available Position Sizes: 40 thru 200 positions in increments of 20 positions
- Stack Height Options: 5mm thru 16mm in increments of 1mm
- Tube, Tube with Pickup Cap, and Tape and Reel Packaging Options
- Polarized locating posts
- 8u" Gold, and 30u" Gold plating options
- RoHS Compliant numbers available now
- Optional Solder Peg (holddown)
- Right Angle Plugs in 60 and 80 positions

.8mm Free Height (FH) Connector System

RECEPTACLE PART NUMBERS

Height	Plating Au Thickness	Package Type	Pickup Cap	40pos	60pos	80pos	100pos	120pos	140pos	160pos	180pos	200pos
5H	8u"	Tube	no	177983-1	177983-2	177983-3	177983-4	177983-5	177983-6	177983-8	177983-9	1-177983-0
		Tube	yes	179229-1	179229-2	179229-3	179229-4	179229-5	179229-6	179229-8	179229-9	1-179229-0
		Tape and Reel	yes	177985-1	177985-2	177985-3	177985-4	177985-5	177985-6	177985-8		
	30u"	Tube	no	1123000-1	1123000-2	1123000-3	1123000-4	1123000-5	1123000-6	1123000-8	1123000-9	1-1123000-0
		Tube	yes									
		Tape and Reel	yes	353999-1	353999-2	353999-3	353999-4	353999-5	353999-6	353999-8		
9H	8u"	Tube	no	5-179009-1	5-179009-2	5-179009-3	5-179009-4	5-179009-5	5-179009-6	5-179009-8	5-179009-9	6-179009-0
		Tube	yes		5-179232-2	5-179232-3	5-179232-4	5-179232-5	5-179232-6	5-179232-8	5-179232-9	6-179232-0
		Tape and Reel	yes	5-179180-1	5-179180-2	5-179180-3	5-179180-4	5-179180-5	5-179180-6			
	30u"	Tube	no	84613-1	84613-2	84613-3	84613-4	84613-5	84613-6	84613-8	84613-9	1-84613-0
		Tube	yes									
		Tape and Reel	yes	7-179180-1	7-179180-2	7-179180-3	7-179180-4	7-179180-5	7-179180-6			
13H	8u"	Tube	no	5-179010-1	5-179010-2	5-179010-3	5-179010-4	5-179010-5	5-179010-6	5-179010-8	5-179010-9	6-179010-0
		Tube	yes	5-179233-1	5-179233-2	5-179233-3	5-179233-4	5-179233-5	5-179233-6	5-179233-8	5-179233-9	6-179233-0
		Tape and Reel	yes	84616-1	84616-2	84616-3	84616-4	84616-5	84616-6	84616-8	84616-9	
	30u"	Tube	no	5-1123212-1	5-1123212-2	5-1123212-3	5-1123212-4	5-1123212-5	5-1123212-6	5-1123212-8	5-1123212-9	6-1123212-0
		Tube	yes									7-1123212-0
		Tape and Reel	yes	84618-1	84618-2	84618-3	84618-4	84618-5	84618-6	84618-8	84618-9	

Stack Height = ((Rcpt Height + Plug Height) - 5)
example: ((13H Rcpt + 6H Plug) - 5) = ((13 + 6) - 5) = 14mm stack height



No. of Positions	Dimensions A	B	C
40	15.20 .598	21.80 .858	20.20 .795
60	23.20 .913	29.80 1.173	28.20 1.110
80	31.20 1.228	37.80 1.488	36.20 1.425
100	39.20 1.543	45.80 1.803	44.20 1.740
120	47.20 1.858	53.80 2.118	52.20 2.055
140	55.20 2.173	61.80 2.433	60.20 2.370
160	63.20 2.488	69.80 2.748	68.20 2.685
180	71.20 2.803	77.80 3.063	76.20 3.000
200	79.20 3.118	85.80 3.378	84.20 3.315

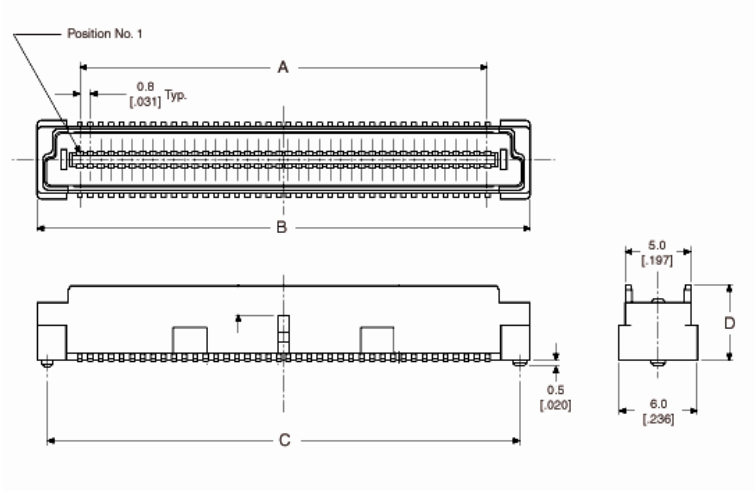
Height	5H	9H	13H
Dim D	3.75 .148	7.75 .305	11.75 .483
Dim E	6.00 .236	6.80 .268	6.80 .268

.8mm Free Height (FH) Connector System

PLUG PART NUMBERS

Height	Plating Au Thickness	Package Type	Pickup Cap	40pos	60pos	80pos	100pos	120pos	140pos	160pos	180pos	200pos
5H	8u"	Tube	no	177984-1	177984-2	177984-3	177984-4	177984-5	177984-6	177984-8	177984-9	1-177984-0
		Tube	yes	179230-1	179230-2	179230-3	179230-4	179230-5	179230-6	179230-8	179230-9	1-179230-0
		Tape and Reel	yes	177986-1	177986-2	177986-3	177986-4	177986-5	177986-6	177986-8		
	30u"	Tube	no	84614-1	84614-2	84614-3	84614-4	84614-5	84614-6	84614-8	84614-9	1-84614-0
		Tube	yes									
		Tape and Reel	yes	5-177986-1	5-177986-2	5-177986-3	5-177986-4	5-177986-5	5-177986-6	5-177986-8		
6H	8u"	Tube	no	179029-1	179029-2	179029-3	179029-4	179029-5	179029-6	179029-8	179029-9	1-179029-0
		Tube	yes	2-179230-1	2-179230-2	2-179230-3	2-179230-4	2-179230-5	2-179230-6	2-179230-8	2-179230-9	3-179230-0
		Tape and Reel	yes	1-177986-1	1-177986-2	1-177986-3	1-177986-4	1-177986-5	1-177986-6			
	30u"	Tube	no	84615-1	84615-2	84615-3	84615-4	84615-5	84615-6	84615-8	84615-9	1-84615-0
		Tube	yes							1-84615-8	1-84615-9	2-84615-0
		Tape and Reel	yes	6-177986-1	6-177986-2	6-177986-3	6-177986-4	6-177986-5	6-177986-6			
7H	8u"	Tube	no	179030-1	179030-2	179030-3	179030-4	179030-5	179030-6	179030-8	179030-9	1-179030-0
		Tube	yes	4-179230-1	4-179230-2	4-179230-3	4-179230-4	4-179230-5	4-179230-6	4-179230-8	4-179230-9	5-179230-0
		Tape and Reel	yes	2-177986-1	2-177986-2	2-177986-3	2-177986-4	2-177986-5	2-177986-6			
	30u"	Tube	no	1-179030-1	1-179030-2	1-179030-3	1-179030-4	1-179030-5	1-179030-6	1-179030-8	1-179030-9	2-179030-0
		Tube	yes	2-179030-1	2-179030-2	2-179030-3	2-179030-4	2-179030-5	2-179030-6	2-179030-8	2-179030-9	3-179030-0
		Tape and Reel	yes									
8H	8u"	Tube	no	179031-1	179031-2	179031-3	179031-4	179031-5	179031-6	179031-8	179031-9	1-179031-0
		Tube	yes	6-179230-1	6-179230-2	6-179230-3	6-179230-4	6-179230-5	6-179230-6	6-179230-8	6-179230-9	7-179230-0
		Tape and Reel	yes	3-177986-1	3-177986-2	3-177986-3	3-177986-4	3-177986-5	3-177986-6	3-177986-8	3-177986-9	
	30u"	Tube	no	1123002-1	1123002-2	1123002-3	1123002-4	1123002-5	1123002-6	1123002-8	1123002-9	1-1123002-0
		Tube	yes									
		Tape and Reel	yes	1123001-1	1123001-2	1123001-3	1123001-4	1123001-5	1123001-6	1123001-8	1123001-9	
R/A	8u"	Tube	no		316229-3	316229-2						

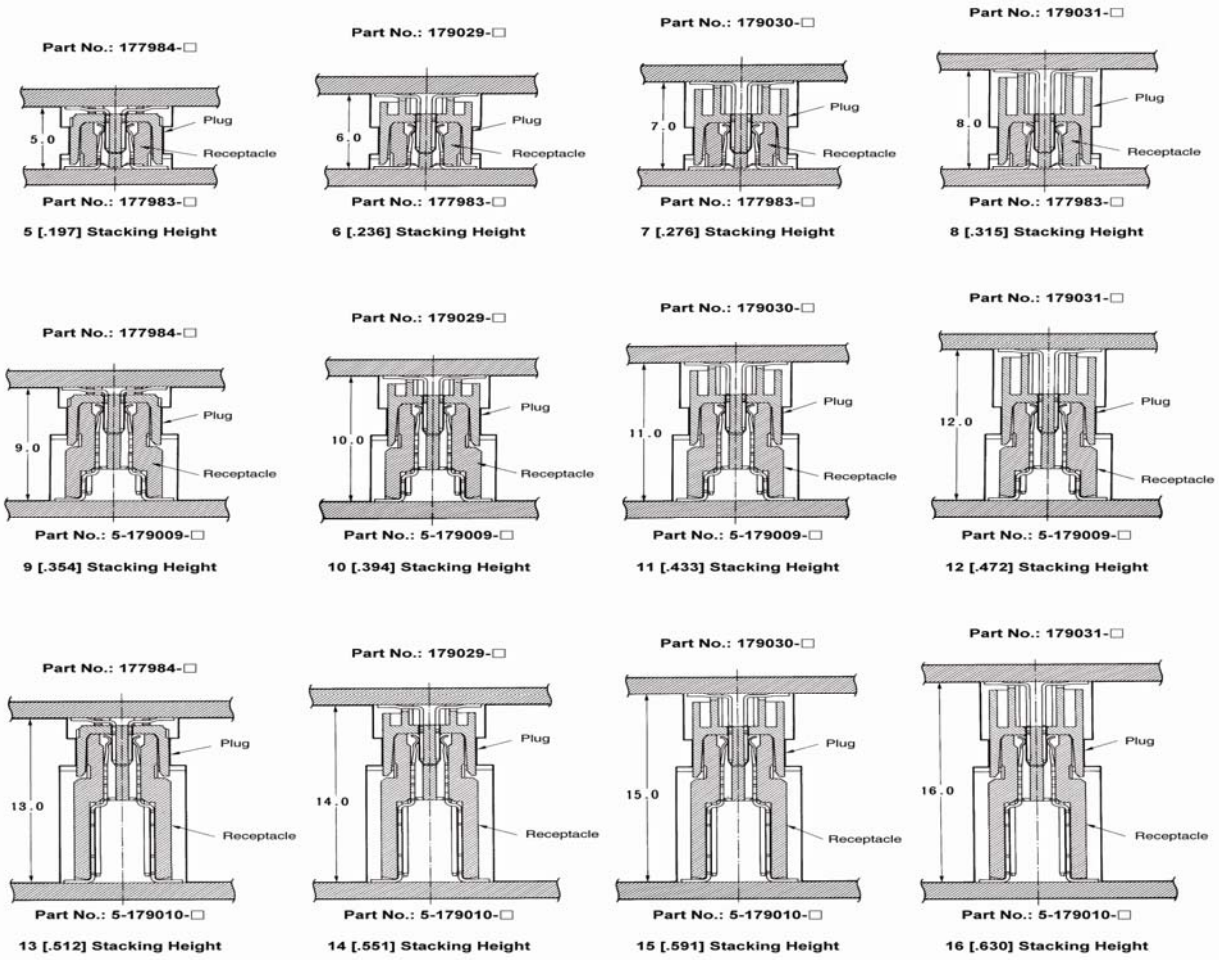
Stack Height = ((Rcpt Height + Plug Height) - 5)
example: ((13H Rcpt + 6H Plug) - 5) = ((13 + 6) - 5) = 14mm stack height



No. of Positions	Dimensions A	B	C
40	**15.20** .598	**21.80** .858	**20.20** .795
60	**23.20** .913	**29.80** 1.173	**28.20** 1.110
80	**31.20** 1.228	**37.80** 1.488	**36.20** 1.425
100	**39.20** 1.543	**45.80** 1.803	**44.20** 1.740
120	**47.20** 1.858	**53.80** 2.118	**52.20** 2.055
140	**55.20** 2.173	**61.80** 2.433	**60.20** 2.370
160	**63.20** 2.488	**69.80** 2.748	**68.20** 2.685
180	**71.20** 2.803	**77.80** 3.063	**76.20** 3.000
200	**79.20** 3.118	**85.80** 3.378	**84.20** 3.315

Height	5H	6H	7H	8H
Dim D	**4.60** .181	**5.60** .220	**6.60** .260	**7.60** .300

BOARD-TO-BOARD STACKING HEIGHTS (By Plug/Receptacle Combinations)



Note: See charts for specific dash nos. of sizes 40 to 200 positions (in 20-position increments).

FOR MORE INFORMATION

Product Specification: 108-5390

Technical Support
Internet: http://www.tycoelectronics.com
USA: 1-800-522-6752

John Larkin, Product Manager
Phone: 1-717-592-2074
E-mail: jtlarkin@tycoelectronics.com

Disclaimer

White Tyco Electronics Corporation and its affiliates referenced herein ("Tyco Electronics") have made every reasonable effort to ensure the accuracy of the information in this catalog, Tyco Electronics does not guarantee that it is error free, nor does Tyco Electronics make any other representation, warranty or guarantee that the information is accurate, correct reliable or current.

Tyco Electronics reserves the right to make any adjustments to the information contained herein at any time without notice. Tyco Electronics expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those in the Tyco Electronics Standard Terms and Conditions of Sale, and in no case will Tyco Electronics be responsible for any incidental, indirect, or consequential damages arising from the sale, resale, or misuse of its products. Users should independently evaluate the suitability of, and test each product for, their application.

© 2005 by Tyco Electronics Corporation.. All Rights Reserved. Tyco is a trademark. Other products, logos, and company names mentioned herein may be trademarks of their respective owners.

ООО «НИОКРсистемс» - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709