

The Low Force Helix (LFH) contact was designed for high-pincount signal applications where there is a need for reliability and performance. Designed for both cable-to-board and board-to-board applications, the system's low insertion forces make it ideal for situations where multiple signal lines need to be terminated or packaged in a limited space.

The patented "helix" plug pin interfaces with a split-beam receptacle contact giving a low insertion force with two-point contact reliability.

Circuit sizes range from 60 to 200 circuits in the Matrix 50 system and 96 and 130 circuits in the Matrix 75 system. Both systems feature I/O shielding and support vertical and right angle board mounting.

- Matrix 50 contact layout is four rows on 1.27 by 1.27mm (.050 by .050") spacing
- Matrix 75 layout is five contact rows on 1.90 by 1.90mm (.075 by .075" spacing)
- Redundant contact points for long-term reliability
- High cycle life via controlled plating and contact surfaces
- Good electrical performance for high-speed applications
- Cable assemblies available directly through Molex approved assemblers
- Application tooling available for terminating and assembling cable mount components

LFH Matrix 50, 1.27mm (.050") Pitch

COM.	Series No.		WW. COM	
Circuits	60	80	160	200
Plug				
	70929	WW.100X.COM.TW	71624	Y.COM.TW
Right Angle Board Mount		M.M. TOOX.COM	IN WALL	
	70929	71475	71624	100X.COM.TV
Vertical Board Mount	COM	WWW.Incov.Co	Mr.	M. T. COM.
	70929	71720	71624	71719
Cable Mount Subassembly		WW.100	COMITY	
Terminal Sticks	70984	71477	70984	71715
Receptacle	1100Y.COM.T	M MM	OY.COMITW	W 1001
	70928	MIN WWW.	71626	71718
Right Angle Board Mount	1007.0	MIN WY	W100x. OM.TW	WW.1
	70928	71478	71626	M MMM
Vertical Board Mount	WWW.	CONTANT	MAN. 1001.CO.	
	71691	ov.COM.TW	- MMM	-
Cable Mount Subassembly	WWW.	7100		
Terminal Sticks	70985	_	_	_

Cable Assembly



勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw



LFH Matrix 75, 1.90mm (.075") Pitch

100%	Series No.	N.COM.TW
Circuits	96	130
Plug	W.COM. LA MALA.	100X.CO.T.TW
	ON COM TW WWW.	
	70LLE N	71995
	70665	N.11975
Right Angle Board Mount	W.100X.COM.TW	
Radia.	W.1007. COM.TW	M. 100 COM: 1
	TN.100Y. COM.TW	
	70665	71995
Vanitari Danud Manut	WWW. 100Y.CO. TITY	
Vertical Board Mount	MANA TO COMPANY	WWW. TOOY. COM
	WWW.Ioov.COM.	
	70665	71995
	M. 100 1. COM:11	
Cable Mount Subassembly	MAL TOOK. ON IN	M. 100 J. CON'I
Terminal Sticks	71989	71989
Receptacle		
	WW TOOY CONTY	WW. 100Y. COM.T.
	WWW.100Y.COM	MA MA THOOX.CO.T.
	70660	71990 71990 COM
Right Angle Board Mount	WWW.Took.COM	
	WWW.Too.COM	TW WWW. COL. CO.
	.1 W 100 X CO	
	70660	71990
1,100	MITH WWW.100Y.C	
Vertical	MIN WIN 100Y.O	WITH WY 100X.
	ONTEN WWW.100Y	
	70660	.COM 71990 WWW.100
	COM.	
Cable Mount Subassembly	COW.I	A COM.
Terminal Sticks	71988	71988
Cable Assembly	DECOMPANY MANAGEMENT	2 CONTY
	OO TOWN	100
	7998	31
IEU Cablo Diverso IEU Cablo Dive		
LFH Cable Plug to LFH Cable Plug	N.F.	

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