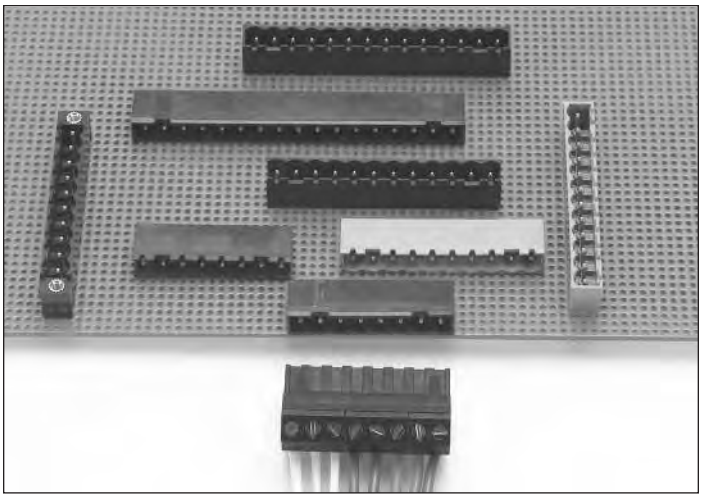
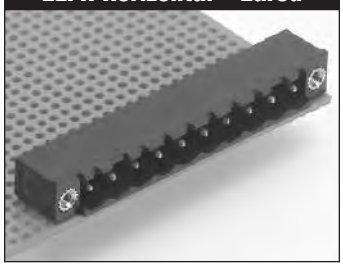
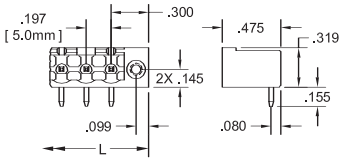
ELFH HEADERS with Locking Ears



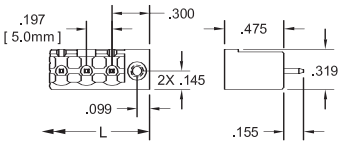
ELFH Horizontal—Eared





ELFH Vertical—Eared





ELFH SERIES HEADERS

ELFH Series headers mate with ELF Series plugs and accommodate competitive plugs as well. The headers are precision-molded from tough, stable PBT, providing additional strength and greater reliability under extreme conditions.

SMT Compatibility

ELF headers are available in ultra-high-temperature, glass-filled polyamide, capable of withstanding temperatures of 260°C for three minutes while undergoing SMT reflow soldering. This eliminates the need for a separate header wave soldering operation if SMT is being employed in the board manufacturing process. See page 26 for instructions on how to order. Note: Available in black only.

Accessories: Polarizing keys and marking labels. See page 29.

Locking and Mounting Ears

Integrally molded locking ears are available with all ELFH headers. A threaded insert in the header ear is engaged by a plug mounting screw, which is tightened after plug and header are mated, securing the connection. Note: locking ears add a contact position per side to header length.

An "E" is added to the catalog number to specify locking ears.

Locking ears can also be used as mounting ears to secure the header to printed circuit boards or chassis, and are available as well with blank through-holes in the "vertical" orientation for custom mounting.

Gold Plating: Indicate "1" as the last digit of catalog no. for black parts; "1G" in the last position for green parts. *Consult PCD for assistance with locking-ear headers.*

Marking: See page 25.

Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)
2	ELFH02110E	ELFH0211GE	20	2	ELFH02150E	ELFH0215GE	20
3	ELFH03110E	ELFH0311GE	25	3	ELFH03150E	ELFH0315GE	25
4	ELFH04110E	ELFH0411GE	30	4	ELFH04150E	ELFH0415GE	30
5	ELFH05110E	ELFH0511GE	35	5	ELFH05150E	ELFH0515GE	35
6	ELFH06110E	ELFH0611GE	40	6	ELFH06150E	ELFH0615GE	40
7	ELFH07110E	ELFH0711GE	45	7	ELFH07150E	ELFH0715GE	45
8	ELFH08110E	ELFH0811GE	50	8	ELFH08150E	ELFH0815GE	50
9	ELFH09110E	ELFH0911GE	55	9	ELFH09150E	ELFH0915GE	55
10	ELFH10110E	ELFH1011GE	60	10	ELFH10150E	ELFH1015GE	60
11	ELFH11110E	ELFH1111GE	65	11	ELFH11150E	ELFH1115GE	65
12	ELFH12110E	ELFH1211GE	70	12	ELFH12150E	ELFH1215GE	70
13	ELFH13110E	ELFH1311GE	75	13	ELFH13150E	ELFH1315GE	75
14	ELFH14110E	ELFH1411GE	80	14	ELFH14150E	ELFH1415GE	80
15	ELFH15110E	ELFH1511GE	85	15	ELFH15150E	ELFH1515GE	85
16	ELFH16110E	ELFH1611GE	90	16	ELFH16150E	ELFH1615GE	90
17	ELFH17110E	ELFH1711GE	95	17	ELFH17150E	ELFH1715GE	95
18	ELFH18110E	ELFH1811GE	100	18	ELFH18150E	ELFH1815GE	100
19	ELFH19110E	ELFH1911GE	105	19	ELFH19150E	ELFH1915GE	105
20	ELFH20110E	ELFH2011GE	110	20	ELFH20150E	ELFH2015GE	110
21	ELFH21110E	ELFH2111GE	115	21	ELFH21150E	ELFH2115GE	115
22	ELFH22110E	ELFH2211GE	120	22	ELFH22150E	ELFH2215GE	120

See page 25 for hi-temp, gold plating and marking options

APPROVALS:

Consult factory for specific product recognitions

SPECIFICATIONS:

Current Rating: 15A
Operating Voltage: 300V
Insulation Resistance: >10^5 Megohms
Dielectric Withstanding: <3000V

HEADER INSTALLATION:

Hole Diameter: .055" min.

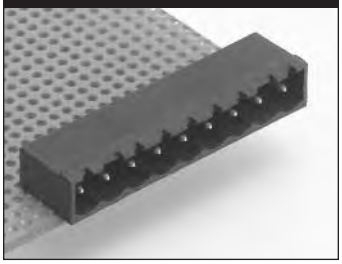
MATERIALS:

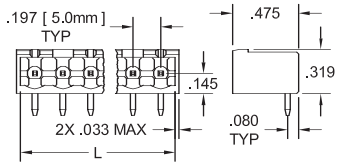
Housing: PBT, UL 94V-0 (Standard)
PA 46, UL 94V-0 (High temp)
Black or green optional
Contact: Copper alloy, optional finish
Ear Insert, M2.5: Brass, nickel finish

Amphenol Pcd

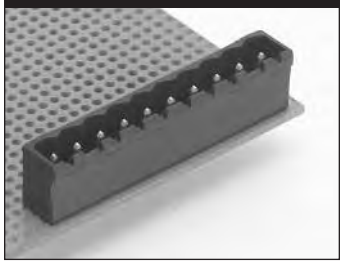
ELFH HEADERS

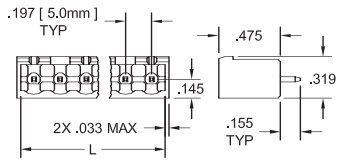
ELFH Horizontal—Closed



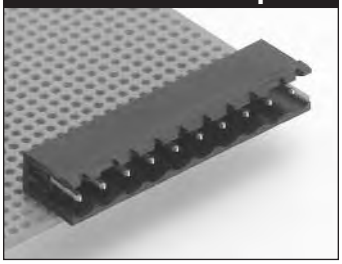


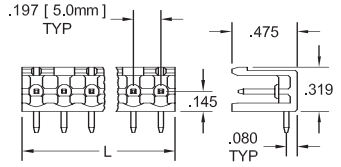
ELFH Vertical—Closed



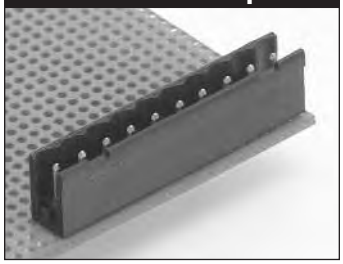


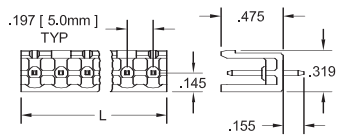
ELFH Horizontal—Open





ELFH Vertical—Open





Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)
2	ELFH02110	ELFH0211G	10	2	ELFH02150	ELFH0215G	10	2	ELFH02120	ELFH0212G	10	2	ELFH02160	ELFH0216G	10
3	ELFH03110	ELFH0311G	15	3	ELFH03150	ELFH0315G	15	3	ELFH03120	ELFH0312G	15	3	ELFH03160	ELFH0316G	15
4	ELFH04110	ELFH0411G	20	4	ELFH04150	ELFH0415G	20	4	ELFH04120	ELFH0412G	20	4	ELFH04160	ELFH0416G	20
5	ELFH05110	ELFH0511G	25	5	ELFH05150	ELFH0515G	25	5	ELFH05120	ELFH0512G	25	5	ELFH05160	ELFH0516G	25
6	ELFH06110	ELFH0611G	30	6	ELFH06150	ELFH0615G	30	6	ELFH06120	ELFH0612G	30	6	ELFH06160	ELFH0616G	30
7	ELFH07110	ELFH0711G	35	7	ELFH07150	ELFH0715G	35	7	ELFH07120	ELFH0712G	35	7	ELFH07160	ELFH0716G	35
8	ELFH08110	ELFH0811G	40	8	ELFH08150	ELFH0815G	40	8	ELFH08120	ELFH0812G	40	8	ELFH08160	ELFH0816G	40
9	ELFH09110	ELFH0911G	45	9	ELFH09150	ELFH0915G	45	9	ELFH09120	ELFH0912G	45	9	ELFH09160	ELFH0916G	45
10	ELFH10110	ELFH1011G	50	10	ELFH10150	ELFH1015G	50	10	ELFH10120	ELFH1012G	50	10	ELFH10160	ELFH1016G	50
11	ELFH11110	ELFH1111G	55	11	ELFH11150	ELFH1115G	55	11	ELFH11120	ELFH1112G	55	11	ELFH11160	ELFH1116G	55
12	ELFH12110	ELFH1211G	60	12	ELFH12150	ELFH1215G	60	12	ELFH12120	ELFH1212G	60	12	ELFH12160	ELFH1216G	60
13	ELFH13110	ELFH1311G	65	13	ELFH13150	ELFH1315G	65	13	ELFH13120	ELFH1312G	65	13	ELFH13160	ELFH1316G	65
14	ELFH14110	ELFH1411G	70	14	ELFH14150	ELFH1415G	70	14	ELFH14120	ELFH1412G	70	14	ELFH14160	ELFH1416G	70
15	ELFH15110	ELFH1511G	75	15	ELFH15150	ELFH1515G	75	15	ELFH15120	ELFH1512G	75	15	ELFH15160	ELFH1516G	75
16	ELFH16110	ELFH1611G	80	16	ELFH16150	ELFH1615G	80	16	ELFH16120	ELFH1612G	80	16	ELFH16160	ELFH1616G	80
17	ELFH17110	ELFH1711G	85	17	ELFH17150	ELFH1715G	85	17	ELFH17120	ELFH1712G	85	17	ELFH17160	ELFH1716G	85
18	ELFH18110	ELFH1811G	90	18	ELFH18150	ELFH1815G	90	18	ELFH18120	ELFH1812G	90	18	ELFH18160	ELFH1816G	90
19	ELFH19110	ELFH1911G	95	19	ELFH19150	ELFH1915G	95	19	ELFH19120	ELFH1912G	95	19	ELFH19160	ELFH1916G	95
20	ELFH20110	ELFH2011G	100	20	ELFH20150	ELFH2015G	100	20	ELFH20120	ELFH2012G	100	20	ELFH20160	ELFH2016G	100
21	ELFH21110	ELFH2111G	105	21	ELFH21150	ELFH2115G	105	21	ELFH21120	ELFH2112G	105	21	ELFH21160	ELFH2116G	105
22	ELFH22110	ELFH2211G	110	22	ELFH22150	ELFH2215G	110	22	ELFH22120	ELFH2212G	110	22	ELFH22160	ELFH2216G	110
23	ELFH23110	ELFH2311G	115	23	ELFH23150	ELFH2315G	115	23	ELFH23120	ELFH2312G	115	23	ELFH23160	ELFH2316G	115
24	ELFH24110	ELFH2411G	120	24	ELFH24150	ELFH2415G	120	24	ELFH24120	ELFH2412G	120	24	ELFH24160	ELFH2416G	120

See page 25 for hi-temp, gold plating and marking options

SPECIFICATIONS:

Current Rating: 15A
Operating Voltage: 300V
Insulation Resistance: $>10^5$ Megohms
Dielectric Withstanding: <3000V

HEADER INSTALLATION:

Hole Diameter: .055" min.

MATERIALS:

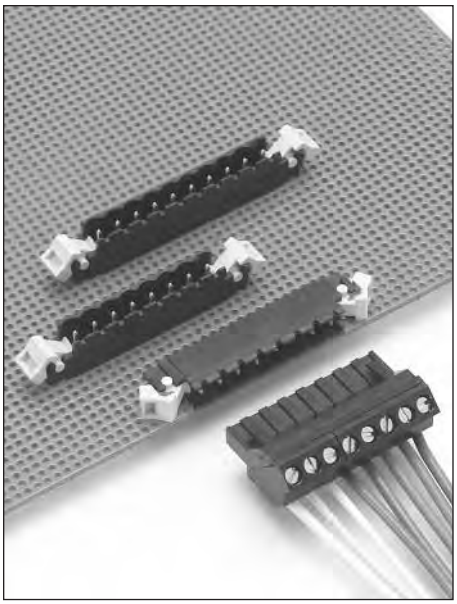
Housing: PBT, UL 94V-0 (Standard)
PA 46, UL 94V-0 (High temp)
Black (Green option standard only)
Contact: Copper alloy, optional finish

APPROVALS:

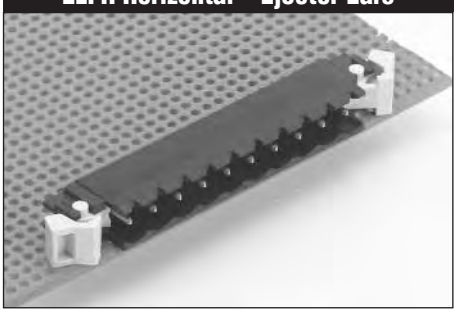
Consult factory for specific product recognitions

Amphenol Pcd

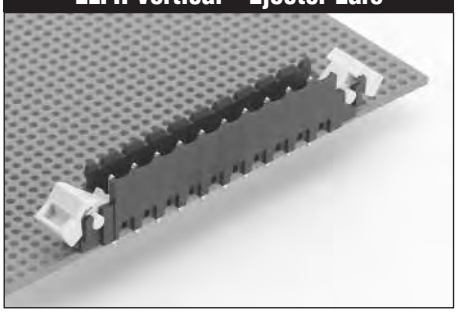
ELFH HEADERS with Ejector Ears

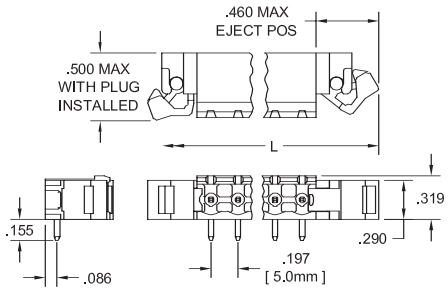


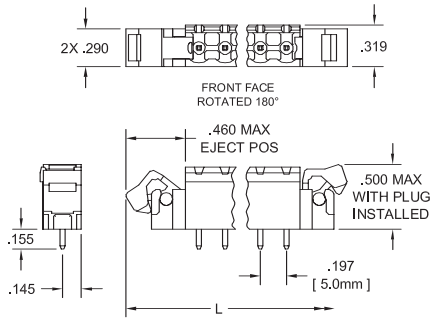
ELFH Horizontal—Ejector Ears



ELFH Vertical—Ejector Ears







EJECTOR EAR HEADERS

The ELFH Series ejector ear header allows for plug disconnect with a minimal amount of effort by way of screwdriver or finger actuation of the levered ears.

The universal design accepts ELF Series plugs. It is currently available in 8 through 22 positions, in both .200" and 5.0mm spacing. Ejector ear headers can also be provided with the ELFH Series gold plating option.

The following options comprise the standard color combinations for ejector ear headers:

- Black header, gray ears
- Green header, black ears

Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)
8	ELFH08110J	ELFH0811GJ	63.52	8	ELFH08150J	ELFH0815GJ	63.52
9	ELFH09110J	ELFH0911GJ	68.52	9	ELFH09150J	ELFH0915GJ	68.52
10	ELFH10110J	ELFH1011GJ	73.52	10	ELFH10150J	ELFH1015GJ	73.52
11	ELFH11110J	ELFH1111GJ	78.52	11	ELFH11150J	ELFH1115GJ	78.52
12	ELFH12110J	ELFH1211GJ	83.52	12	ELFH12150J	ELFH1215GJ	83.52
13	ELFH13110J	ELFH1311GJ	88.52	13	ELFH13150J	ELFH1315GJ	88.52
14	ELFH14110J	ELFH1411GJ	93.52	14	ELFH14150J	ELFH1415GJ	93.52
15	ELFH15110J	ELFH1511GJ	98.52	15	ELFH15150J	ELFH1515GJ	98.52
16	ELFH16110J	ELFH1611GJ	103.52	16	ELFH16150J	ELFH1615GJ	103.52
17	ELFH17110J	ELFH1711GJ	108.52	17	ELFH17150J	ELFH1715GJ	108.52
18	ELFH18110J	ELFH1811GJ	113.52	18	ELFH18150J	ELFH1815GJ	113.52
19	ELFH19110J	ELFH1911GJ	118.52	19	ELFH19150J	ELFH1915GJ	118.52
20	ELFH20110J	ELFH2011GJ	123.52	20	ELFH20150J	ELFH2015GJ	123.52
21	ELFH21110J	ELFH2111GJ	128.52	21	ELFH21150J	ELFH2115GJ	128.52
22	ELFH22110J	ELFH2211GJ	133.52	22	ELFH22150J	ELFH2215GJ	133.52

See page 25 for hi-temp, gold plating and marking options

APPROVALS:

Consult factory for specific product recognitions

SPECIFICATIONS:

Current Rating: 15A
Operating Voltage: 300V
Insulation Resistance: >10^5 Megohms
Dielectric Withstanding: <3000V

MATERIALS:

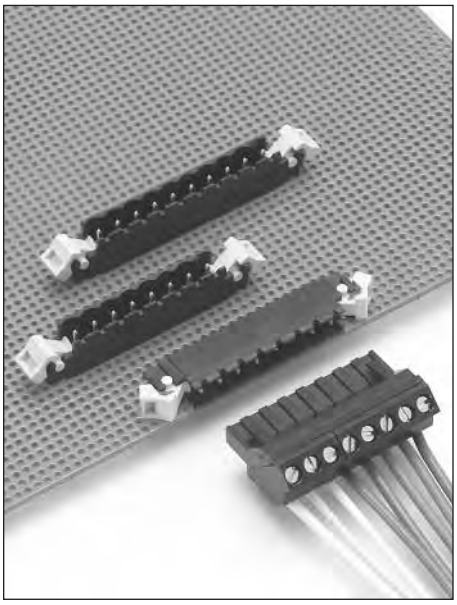
Housing: PBT, UL 94V-0, Black or green
Contact: Copper alloy, optional finish

HEADER INSTALLATION:

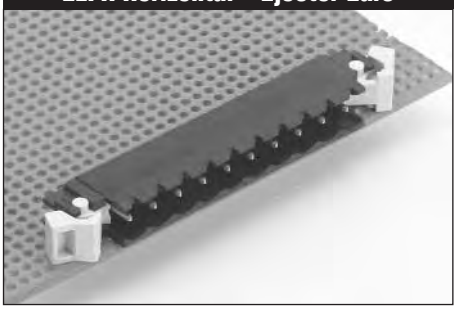
Hole Diameter: .055" min.

Amphenol Pcd

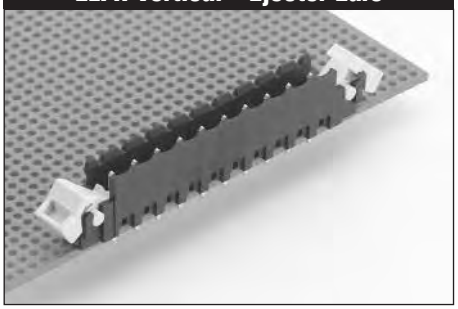
ELFH HEADERS with Ejector Ears

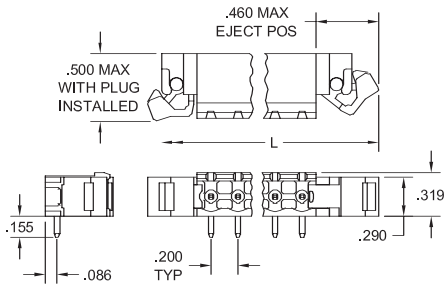


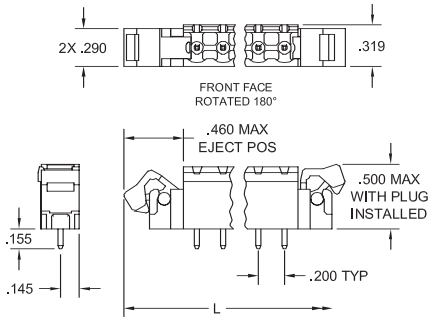
ELFH Horizontal—Ejector Ears



ELFH Vertical—Ejector Ears







EJECTOR EAR HEADERS

The ELFH Series ejector ear header allows for plug disconnect with a minimal amount of effort by way of screwdriver or finger actuation of the levered ears.

The universal design accepts ELF Series plugs or FXP Series Flexiplug™ connectors, as well as SCF spring clamp plugs. It is currently available in 8 through 22 positions, in both .200" and 5.0mm spacing. Ejector ear headers can also be provided with the ELFH Series gold plating option.

The following options comprise the standard color combinations for ejector ear headers:

- Black header, gray ears
- Green header, black ears

Pos	Catalog # Black	Catalog # Green	L (In.)	Pos	Catalog # Black	Catalog # Green	L (In.)
8	ELFH08210J	ELFH0821GJ	2.526	8	ELFH08250J	ELFH0825GJ	2.526
9	ELFH09210J	ELFH0921GJ	2.726	9	ELFH09250J	ELFH0925GJ	2.726
10	ELFH10210J	ELFH1021GJ	2.926	10	ELFH10250J	ELFH1025GJ	2.926
11	ELFH11210J	ELFH1121GJ	3.126	11	ELFH11250J	ELFH1125GJ	3.126
12	ELFH12210J	ELFH1221GJ	3.326	12	ELFH12250J	ELFH1225GJ	3.326
13	ELFH13210J	ELFH1321GJ	3.526	13	ELFH13250J	ELFH1325GJ	3.526
14	ELFH14210J	ELFH1421GJ	3.726	14	ELFH14250J	ELFH1425GJ	3.726
15	ELFH15210J	ELFH1521GJ	3.926	15	ELFH15250J	ELFH1525GJ	3.926
16	ELFH16210J	ELFH1621GJ	4.126	16	ELFH16250J	ELFH1625GJ	4.126
17	ELFH17210J	ELFH1721GJ	4.326	17	ELFH17250J	ELFH1725GJ	4.326
18	ELFH18210J	ELFH1821GJ	4.526	18	ELFH18250J	ELFH1825GJ	4.526
19	ELFH19210J	ELFH1921GJ	4.726	19	ELFH19250J	ELFH1925GJ	4.726
20	ELFH20210J	ELFH2021GJ	4.926	20	ELFH20250J	ELFH2025GJ	4.926
21	ELFH21210J	ELFH2121GJ	5.126	21	ELFH21250J	ELFH2125GJ	5.126
22	ELFH22210J	ELFH2221GJ	5.326	22	ELFH22250J	ELFH2225GJ	5.326

See page 25 for gold plating and marking options

APPROVALS:

Contact factory for specific product recognition

SPECIFICATIONS:

Current Rating: 15A
Operating Voltage: 300V
Insulation Resistance: >10^5 Megohms
Dielectric Withstanding: <3000V

MATERIALS:

Housing: PBT, UL 94V-0, Black or green
Contact: Copper alloy, optional finish

HEADER INSTALLATION:

Hole Diameter: .055" min.

Amphenol Pcd

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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