

1	2	3	4	5	6	7	8																																																																																																																											
har-flexicon female connector, horizontal, push-in RoHS compliant				Cable connection <table><tr><td>Type</td><td>har-flexicon 3.50/3.81 FPH</td><td>har-flexicon 5.00/5.08 FPH</td></tr><tr><td>Part numbers</td><td>1431xx14102xxx & 1431xx15102xxx</td><td>1431xx16102xxx & 1431xx17102xxx</td></tr><tr><td>Conductor size AWG max</td><td>14 AWG</td><td>12 AWG</td></tr><tr><td>Conductor size AWG min</td><td>30 AWG</td><td>30 AWG</td></tr><tr><td>Conductor size solid max</td><td>1.5 mm²</td><td>2.5 mm²</td></tr><tr><td>Conductor size solid min</td><td>0.14 mm²</td><td>0.2 mm²</td></tr><tr><td>Conductor size stranded max</td><td>1.5 mm²</td><td>2.5 mm²</td></tr><tr><td>Conductor size stranded min</td><td>0.14 mm²</td><td>0.2 mm²</td></tr><tr><td>Conductor size stranded for end sleeve</td><td></td><td></td></tr><tr><td>Stripping length max</td><td>10 mm</td><td>10 mm</td></tr><tr><td>Stripping length min</td><td>9 mm</td><td>10 mm</td></tr></table> Packaging unit <table><tr><td colspan="6">types 3.50/3.81 FPH</td></tr><tr><td>Type of packaging</td><td>No. of poles (xx)</td><td>Quantity</td><td>MOQ</td><td>Index (xxx)</td><td>Remark</td></tr><tr><td>box</td><td>2</td><td>300</td><td>1</td><td>000</td><td></td></tr><tr><td>box</td><td>3</td><td>200</td><td>1</td><td>000</td><td></td></tr><tr><td>box</td><td>4 - 5</td><td>150</td><td>1</td><td>000</td><td></td></tr><tr><td>box</td><td>6 - 12</td><td>100</td><td>1</td><td>000</td><td></td></tr><tr><td>box</td><td>13 - 20</td><td>50</td><td>1</td><td>000</td><td></td></tr><tr><td>box</td><td>21 - 25</td><td>25</td><td>1</td><td>-</td><td></td></tr><tr><td colspan="6">types 5.00/5.08 FPH</td></tr><tr><td>Type of packaging</td><td>No. of poles (xx)</td><td>Quantity</td><td>1</td><td>Index (xxx)</td><td>Remark</td></tr><tr><td>box</td><td>2</td><td>300</td><td>1</td><td>-</td><td></td></tr><tr><td>box</td><td>3</td><td>200</td><td>1</td><td>-</td><td></td></tr><tr><td>box</td><td>4 - 5</td><td>150</td><td>1</td><td>-</td><td></td></tr><tr><td>box</td><td>6 - 12</td><td>100</td><td>1</td><td>-</td><td></td></tr><tr><td>box</td><td>13 - 20</td><td>50</td><td>1</td><td>-</td><td></td></tr></table>				Type	har-flexicon 3.50/3.81 FPH	har-flexicon 5.00/5.08 FPH	Part numbers	1431xx14102xxx & 1431xx15102xxx	1431xx16102xxx & 1431xx17102xxx	Conductor size AWG max	14 AWG	12 AWG	Conductor size AWG min	30 AWG	30 AWG	Conductor size solid max	1.5 mm ²	2.5 mm ²	Conductor size solid min	0.14 mm ²	0.2 mm ²	Conductor size stranded max	1.5 mm ²	2.5 mm ²	Conductor size stranded min	0.14 mm ²	0.2 mm ²	Conductor size stranded for end sleeve			Stripping length max	10 mm	10 mm	Stripping length min	9 mm	10 mm	types 3.50/3.81 FPH						Type of packaging	No. of poles (xx)	Quantity	MOQ	Index (xxx)	Remark	box	2	300	1	000		box	3	200	1	000		box	4 - 5	150	1	000		box	6 - 12	100	1	000		box	13 - 20	50	1	000		box	21 - 25	25	1	-		types 5.00/5.08 FPH						Type of packaging	No. of poles (xx)	Quantity	1	Index (xxx)	Remark	box	2	300	1	-		box	3	200	1	-		box	4 - 5	150	1	-		box	6 - 12	100	1	-		box	13 - 20	50	1	-	
Type	har-flexicon 3.50/3.81 FPH	har-flexicon 5.00/5.08 FPH																																																																																																																																
Part numbers	1431xx14102xxx & 1431xx15102xxx	1431xx16102xxx & 1431xx17102xxx																																																																																																																																
Conductor size AWG max	14 AWG	12 AWG																																																																																																																																
Conductor size AWG min	30 AWG	30 AWG																																																																																																																																
Conductor size solid max	1.5 mm ²	2.5 mm ²																																																																																																																																
Conductor size solid min	0.14 mm ²	0.2 mm ²																																																																																																																																
Conductor size stranded max	1.5 mm ²	2.5 mm ²																																																																																																																																
Conductor size stranded min	0.14 mm ²	0.2 mm ²																																																																																																																																
Conductor size stranded for end sleeve																																																																																																																																		
Stripping length max	10 mm	10 mm																																																																																																																																
Stripping length min	9 mm	10 mm																																																																																																																																
types 3.50/3.81 FPH																																																																																																																																		
Type of packaging	No. of poles (xx)	Quantity	MOQ	Index (xxx)	Remark																																																																																																																													
box	2	300	1	000																																																																																																																														
box	3	200	1	000																																																																																																																														
box	4 - 5	150	1	000																																																																																																																														
box	6 - 12	100	1	000																																																																																																																														
box	13 - 20	50	1	000																																																																																																																														
box	21 - 25	25	1	-																																																																																																																														
types 5.00/5.08 FPH																																																																																																																																		
Type of packaging	No. of poles (xx)	Quantity	1	Index (xxx)	Remark																																																																																																																													
box	2	300	1	-																																																																																																																														
box	3	200	1	-																																																																																																																														
box	4 - 5	150	1	-																																																																																																																														
box	6 - 12	100	1	-																																																																																																																														
box	13 - 20	50	1	-																																																																																																																														
General information <table><tr><td colspan="3">female connector</td></tr><tr><td>Type</td><td>har-flexicon 3.50/3.81 FPH</td><td>har-flexicon 5.00/5.08 FPH</td></tr><tr><td>Part numbers</td><td>1431xx14102xxx & 1431xx14106xxx 1431xx15102xxx & 1431xx15106xxx</td><td>1431xx16102xxx 1431xx17102xxx & 1431xx17106xxx</td></tr><tr><td>Contact pitch</td><td>3.50 mm / 3.81 mm</td><td>5 mm / 5.08 mm</td></tr><tr><td>No. of contacts</td><td>2-25 poles</td><td>2-18 poles</td></tr><tr><td>Rated surge voltage (II/2)</td><td>2,5 kV</td><td>4 kV (overvoltage cat. II / pollution degree 2)</td></tr><tr><td>Rated surge voltage (III/2)</td><td>2,5 kV</td><td>4 kV (overvoltage cat. III / pollution degree 2)</td></tr><tr><td>Rated surge voltage (III/3)</td><td>2,5 kV</td><td>4 kV (overvoltage cat. III / pollution degree 3)</td></tr><tr><td>Rated Voltage</td><td>300 V</td><td>300 V</td></tr><tr><td>Rated voltage (II/2)</td><td>300 V</td><td>600 V (overvoltage cat. II / pollution degree 2)</td></tr><tr><td>Rated voltage (III/2)</td><td>150 V</td><td>300 V (overvoltage cat. III / pollution degree 2)</td></tr><tr><td>Rated voltage (III/3):</td><td>150 V</td><td>250 V (overvoltage cat. III / pollution degree 3)</td></tr><tr><td>Working current</td><td>11 A</td><td>12 A</td></tr><tr><td>Usegroup B, rated voltage / current</td><td>300 V / 11 A stranded, 9 A solid</td><td>300 V / 12 A</td></tr><tr><td>Usegroup C, rated voltage / current</td><td>- / -</td><td>- / -</td></tr><tr><td>Usegroup D, rated voltage / current</td><td>300 V / 11 A stranded, 9 A solid</td><td>300 V / 12 A</td></tr><tr><td>Contact resistance</td><td colspan="2">max. 15 mOhm</td></tr><tr><td>Insulation resistance</td><td colspan="2">min. 10⁹ Ohm (500 V DC)</td></tr><tr><td>Temperature range</td><td colspan="2">-40°C ... +110°C</td></tr><tr><td>Termination technology</td><td colspan="2">push-in</td></tr><tr><td>Insertion force</td><td colspan="2">max. 3 N</td></tr><tr><td>Withdrawal force</td><td colspan="2">min. 1.5 N</td></tr><tr><td>Hot plugging</td><td colspan="2">No</td></tr><tr><td>Mechanical Shock IEC 61373 (05/10)</td><td>5 g, 30 ms, 5 shocks/axis and each direction no contact disturbance >= 1 µs</td><td>for p/n ...6xxx</td></tr><tr><td>Random Vibration IEC 61373 (05/10)</td><td>Cat 1 class B 5,72 m/s² no contact disturbance >=1 µs</td><td>for p/n ...6xxx</td></tr><tr><td>Vibration</td><td>10-150 Hz, 0.35 mm, 5 g, 2 h each axes -> No contact disturbance >= 1 µs</td><td>for p/n ...2xxx</td></tr><tr><td>RoHS - compliant</td><td colspan="2">Yes</td></tr><tr><td>UL file</td><td colspan="2">E314677</td></tr></table> Isulator material <table><tr><td>Material</td><td>PA/PPA</td></tr><tr><td>Color</td><td>green</td></tr><tr><td>UL classification</td><td>UL 94-V0</td></tr><tr><td>Material group acc. to IEC 60664-1</td><td>I (CTI > 600)</td></tr></table> Contact material <table><tr><td></td><td>contact zone</td><td>termination zone (spring)</td></tr><tr><td>Contact material</td><td>Copper alloy</td><td>EN 1.4310 / AISI 301</td></tr><tr><td>Plating</td><td>Sn</td><td>no</td></tr></table>				female connector			Type	har-flexicon 3.50/3.81 FPH	har-flexicon 5.00/5.08 FPH	Part numbers	1431xx14102xxx & 1431xx14106xxx 1431xx15102xxx & 1431xx15106xxx	1431xx16102xxx 1431xx17102xxx & 1431xx17106xxx	Contact pitch	3.50 mm / 3.81 mm	5 mm / 5.08 mm	No. of contacts	2-25 poles	2-18 poles	Rated surge voltage (II/2)	2,5 kV	4 kV (overvoltage cat. II / pollution degree 2)	Rated surge voltage (III/2)	2,5 kV	4 kV (overvoltage cat. III / pollution degree 2)	Rated surge voltage (III/3)	2,5 kV	4 kV (overvoltage cat. III / pollution degree 3)	Rated Voltage	300 V	300 V	Rated voltage (II/2)	300 V	600 V (overvoltage cat. II / pollution degree 2)	Rated voltage (III/2)	150 V	300 V (overvoltage cat. III / pollution degree 2)	Rated voltage (III/3):	150 V	250 V (overvoltage cat. III / pollution degree 3)	Working current	11 A	12 A	Usegroup B, rated voltage / current	300 V / 11 A stranded, 9 A solid	300 V / 12 A	Usegroup C, rated voltage / current	- / -	- / -	Usegroup D, rated voltage / current	300 V / 11 A stranded, 9 A solid	300 V / 12 A	Contact resistance	max. 15 mOhm		Insulation resistance	min. 10 ⁹ Ohm (500 V DC)		Temperature range	-40°C ... +110°C		Termination technology	push-in		Insertion force	max. 3 N		Withdrawal force	min. 1.5 N		Hot plugging	No		Mechanical Shock IEC 61373 (05/10)	5 g, 30 ms, 5 shocks/axis and each direction no contact disturbance >= 1 µs	for p/n ...6xxx	Random Vibration IEC 61373 (05/10)	Cat 1 class B 5,72 m/s ² no contact disturbance >=1 µs	for p/n ...6xxx	Vibration	10-150 Hz, 0.35 mm, 5 g, 2 h each axes -> No contact disturbance >= 1 µs	for p/n ...2xxx	RoHS - compliant	Yes		UL file	E314677		Material	PA/PPA	Color	green	UL classification	UL 94-V0	Material group acc. to IEC 60664-1	I (CTI > 600)		contact zone	termination zone (spring)	Contact material	Copper alloy	EN 1.4310 / AISI 301	Plating	Sn	no	har-flexicon female connector, horizontal, push-in Doc-Key / ECM-Nr. 100579786/UGD/000/C 500000093564 Rev. C Page 1/1 Created by TADJE Inspected by LEHNERT Standardisation HOFFMANN Date 2015-10-15 State Final Release Title har-flexicon female connector, horizontal, push-in Type DS Number 14312302001 Doc-Key / ECM-Nr. 100579786/UGD/000/C 500000093564 Rev. C Page 1/1																									
female connector																																																																																																																																		
Type	har-flexicon 3.50/3.81 FPH	har-flexicon 5.00/5.08 FPH																																																																																																																																
Part numbers	1431xx14102xxx & 1431xx14106xxx 1431xx15102xxx & 1431xx15106xxx	1431xx16102xxx 1431xx17102xxx & 1431xx17106xxx																																																																																																																																
Contact pitch	3.50 mm / 3.81 mm	5 mm / 5.08 mm																																																																																																																																
No. of contacts	2-25 poles	2-18 poles																																																																																																																																
Rated surge voltage (II/2)	2,5 kV	4 kV (overvoltage cat. II / pollution degree 2)																																																																																																																																
Rated surge voltage (III/2)	2,5 kV	4 kV (overvoltage cat. III / pollution degree 2)																																																																																																																																
Rated surge voltage (III/3)	2,5 kV	4 kV (overvoltage cat. III / pollution degree 3)																																																																																																																																
Rated Voltage	300 V	300 V																																																																																																																																
Rated voltage (II/2)	300 V	600 V (overvoltage cat. II / pollution degree 2)																																																																																																																																
Rated voltage (III/2)	150 V	300 V (overvoltage cat. III / pollution degree 2)																																																																																																																																
Rated voltage (III/3):	150 V	250 V (overvoltage cat. III / pollution degree 3)																																																																																																																																
Working current	11 A	12 A																																																																																																																																
Usegroup B, rated voltage / current	300 V / 11 A stranded, 9 A solid	300 V / 12 A																																																																																																																																
Usegroup C, rated voltage / current	- / -	- / -																																																																																																																																
Usegroup D, rated voltage / current	300 V / 11 A stranded, 9 A solid	300 V / 12 A																																																																																																																																
Contact resistance	max. 15 mOhm																																																																																																																																	
Insulation resistance	min. 10 ⁹ Ohm (500 V DC)																																																																																																																																	
Temperature range	-40°C ... +110°C																																																																																																																																	
Termination technology	push-in																																																																																																																																	
Insertion force	max. 3 N																																																																																																																																	
Withdrawal force	min. 1.5 N																																																																																																																																	
Hot plugging	No																																																																																																																																	
Mechanical Shock IEC 61373 (05/10)	5 g, 30 ms, 5 shocks/axis and each direction no contact disturbance >= 1 µs	for p/n ...6xxx																																																																																																																																
Random Vibration IEC 61373 (05/10)	Cat 1 class B 5,72 m/s ² no contact disturbance >=1 µs	for p/n ...6xxx																																																																																																																																
Vibration	10-150 Hz, 0.35 mm, 5 g, 2 h each axes -> No contact disturbance >= 1 µs	for p/n ...2xxx																																																																																																																																
RoHS - compliant	Yes																																																																																																																																	
UL file	E314677																																																																																																																																	
Material	PA/PPA																																																																																																																																	
Color	green																																																																																																																																	
UL classification	UL 94-V0																																																																																																																																	
Material group acc. to IEC 60664-1	I (CTI > 600)																																																																																																																																	
	contact zone	termination zone (spring)																																																																																																																																
Contact material	Copper alloy	EN 1.4310 / AISI 301																																																																																																																																
Plating	Sn	no																																																																																																																																
1	2	3	4	5	6	7	8																																																																																																																											

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

<u>14310614102000</u>	<u>14310817102000</u>	<u>14311214102000</u>	<u>14311216102000</u>	<u>14310217102000</u>	<u>14310417102000</u>
<u>14310516102000</u>	<u>14310517102000</u>	<u>14310814102000</u>	<u>14310815102000</u>	<u>14311016102000</u>	<u>14311017102000</u>
<u>14310216102000</u>	<u>14310315102000</u>	<u>14310316102000</u>	<u>14310317102000</u>	<u>14310615102000</u>	<u>14310616102000</u>
<u>14311015102000</u>	<u>14310314102000</u>	<u>14310617102000</u>	<u>14310816102000</u>	<u>14311014102000</u>	<u>14311217102000</u>
<u>14310214102000</u>	<u>14310215102000</u>	<u>14310414102000</u>	<u>14310415102000</u>	<u>14310416102000</u>	<u>14311215102000</u>

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru