



# Module 6 pole, pin, 830V, 16A

Number of slots: 1

Item number: GMRM-500-16-6PEC-01

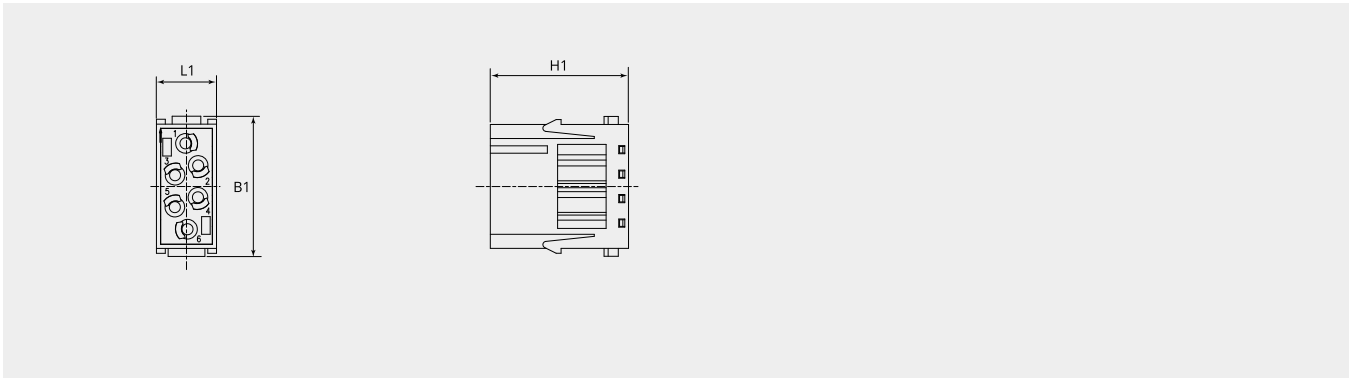
Packing unit: 1

## Technical characteristics

Number of slots:	1
Number of contacts:	6
Contact type:	Pin
Number of mating cycles (min.):	500
REACH compliant:	SVHC substances, no
ROHS compliant:	Compliant

## Thermal properties

Material contact insert:	Polycarbonate (PC)
Operating temperature:	-40°C - +125°C
Fire protection class UL94:	V0
Fire protection class DIN EN 45545-2:	R22/HL1,HL2 R23,24/HL1,HL2,HL3



## Dimensional drawing

<b>B1 (mm):</b>	34.2
<b>H1 (mm):</b>	34.0
<b>L1 (mm):</b>	14.6

## Electrical properties

<b>Rated current (A):</b>	16
<b>Operating voltage (V):</b>	500
<b>Rated voltage acc. to UL/CSA (V):</b>	600
<b>Rated impulse voltage (kV):</b>	6
<b>Insulation resistance (<math>\Omega</math>):</b>	$\geq 10^{10}$
<b>Pollution degree:</b>	3



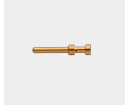
## Complementary products:

### Counterpart:

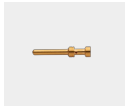


**GMRM-500-16-6SEC-01**  
Module 6 pole, socket, 830V, 16A

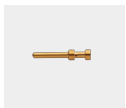
### Contacts:



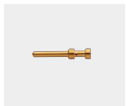
**GMRC-PEC-0.50AU**  
Pin contact EC series, 16A, 0.5mm<sup>2</sup>



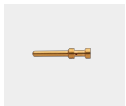
**GMRC-PEC-0.75AU**  
Pin contact EC series, 16A, 0.75mm<sup>2</sup>



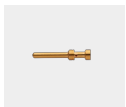
**GMRC-PEC-1.0AU**  
Pin contact EC series, 16A, 1.0mm<sup>2</sup>



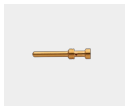
**GMRC-PEC-1.5AU**  
Pin contact EC series, 16A, 1.5mm<sup>2</sup>



**GMRC-PEC-2.5AU**  
Pin contact EC series, 16A, 2.5mm<sup>2</sup>



**GMRC-PEC-3.0AU**  
Pin contact EC series, 16A, 3.0mm<sup>2</sup>



**GMRC-PEC-4.0AU**  
Pin contact EC series, 16A, 4.0mm<sup>2</sup>