



Pushing Performance  
Since 1945

# Carrier\_BT494030\_SOT23-6\_h LCP

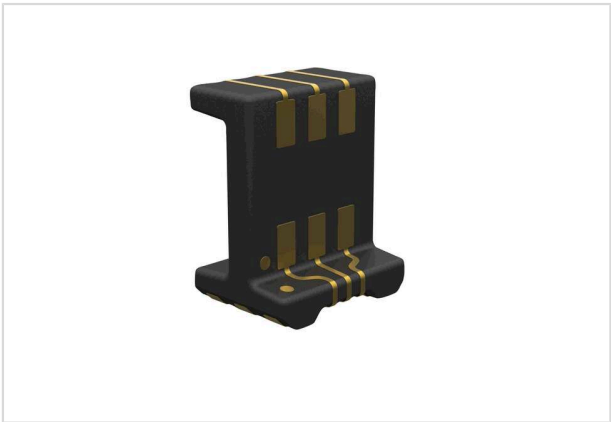


Image is for illustration purposes only. Please refer to product description.

Part number	78 01 030 0003
Specification	Carrier_BT494030_SOT23-6_h LCP
HARTING eCatalogue	<a href="https://harting.com/78010300003">https://harting.com/78010300003</a>

## Identification

Category	Surface Mount Device
Series	3D-MID
Element	Carrier for electronic components
Specification	Interconnection
Features	Other materials or trace layouts on request!

## Version

Fixing	PCB assembly (SMD)
Pack contents	Tape & reel 3400 pieces on reel Lower quantities available on request!

## Technical characteristics

Operating temperature	-40 ... +125 °C
Storage temperature	-40 ... +125 °C

## Material properties

Material	Liquid crystal polymer (LCP)
Surface (contacts)	Au ( $\geq 0.05 \mu\text{m}$ ) over Ni ( $\geq 4 \mu\text{m}$ ) over Cu (5...11 $\mu\text{m}$ )
Length	4.9 mm
Width	4 mm
Height	3 mm
RoHS	compliant
ELV status	compliant



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Material properties

China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

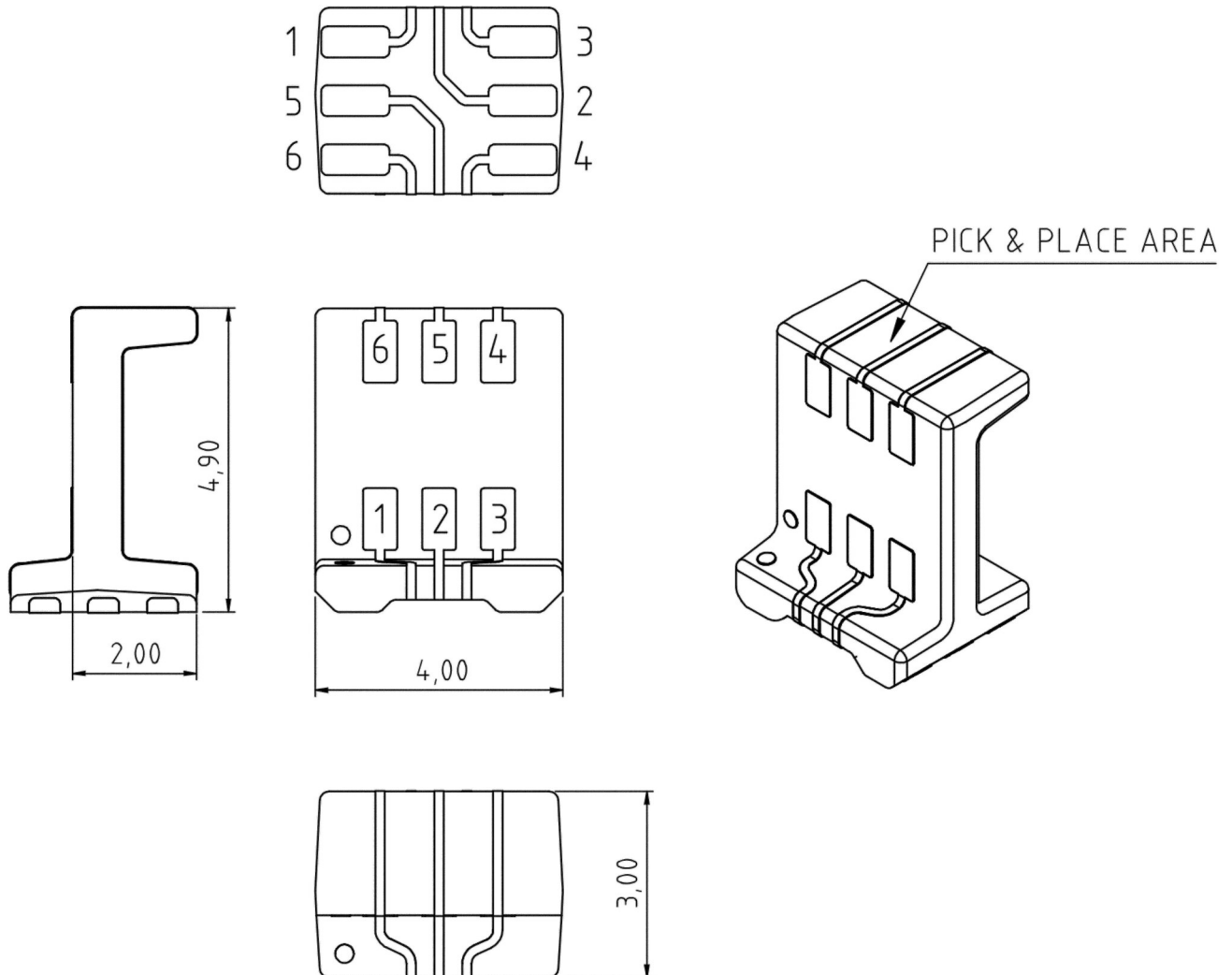
Commercial data

Packaging size	1
Net weight	0.315 g
Country of origin	Switzerland
European customs tariff number	85340090
GTIN	5713140277403
eCl@ss	27469090 PCB connection technology (other, unspecified)
ETIM	EC002637
UNSPSC 24.0	39121415

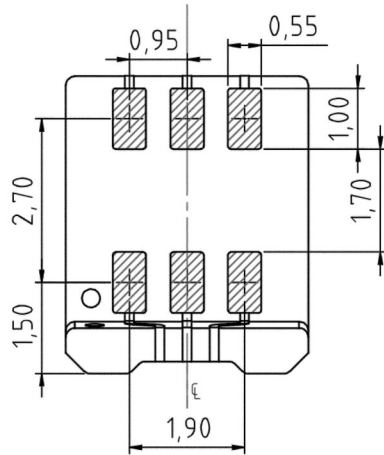
Other materials or trace layouts on request!



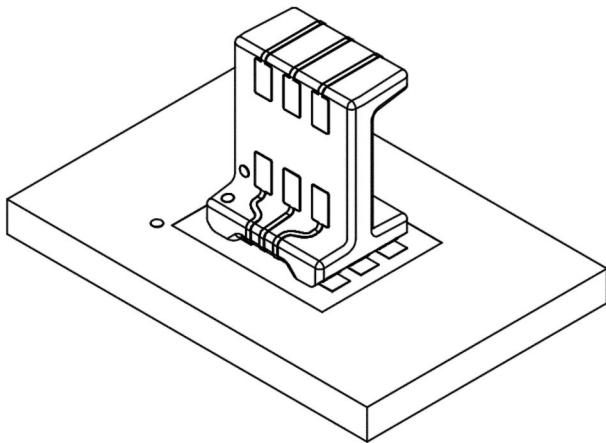
Drawing (dimensions in mm)



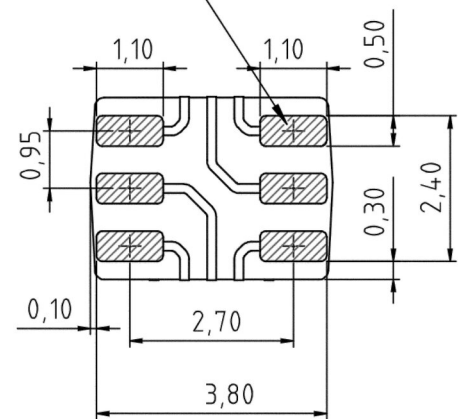
Drawing (dimensions in mm)



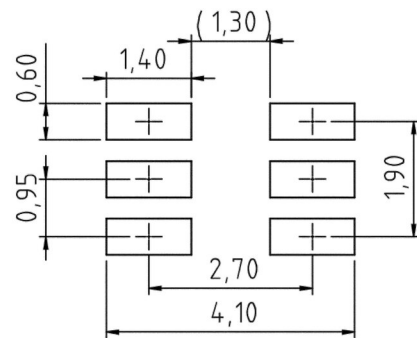
COMPONENT PADS LAYOUT  
SOT-23-6



SOLDERING PADS

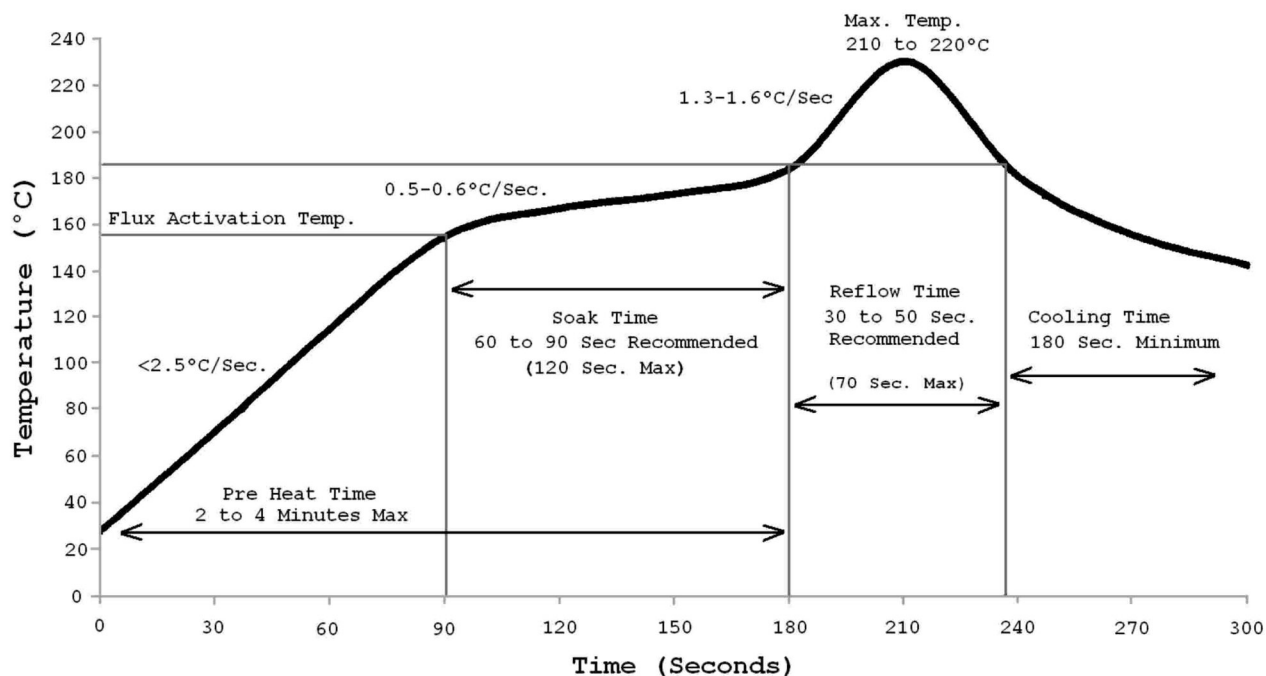


CARRIER PATTERN LAYOUT

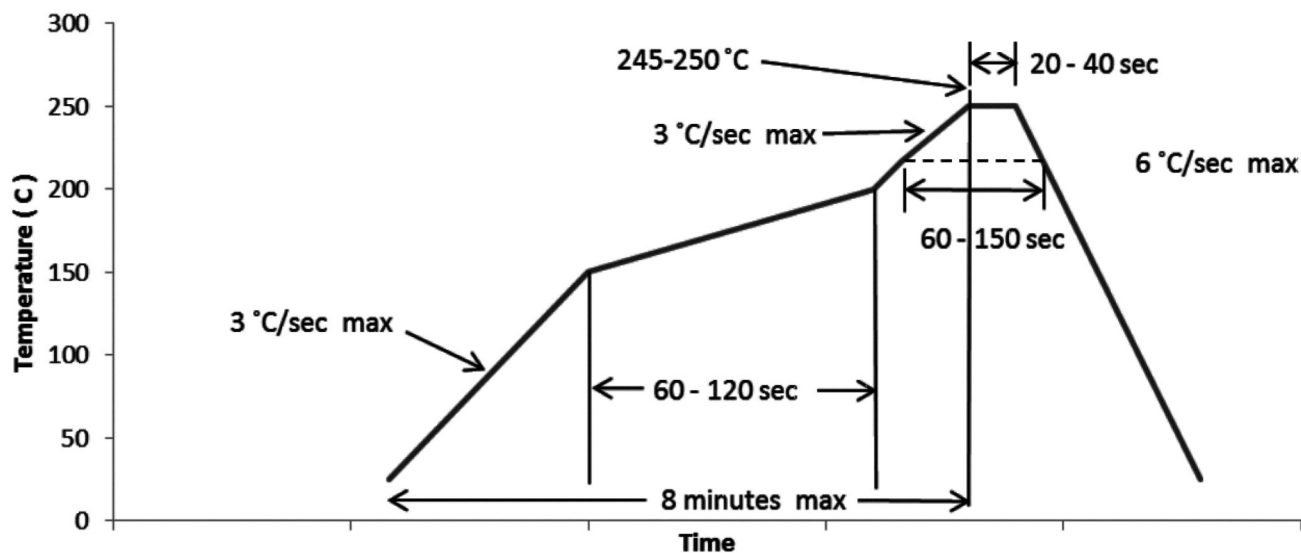


RECOMMENDED PCB PATTERN LAYOUT

## Soldering instructions



## PB-free soldering profile (J-STD-020C)





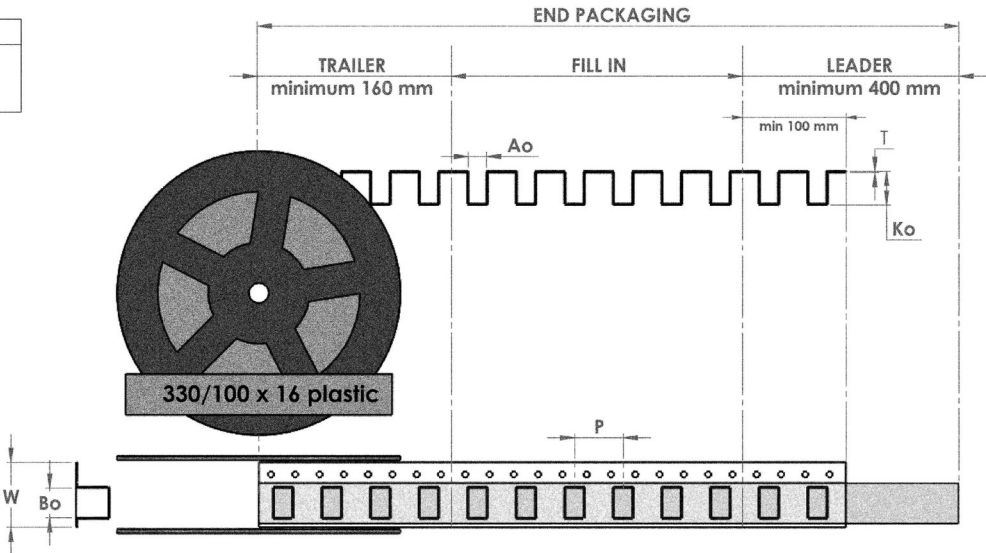
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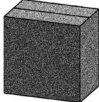
Tape layout & packaging

BT494030

MATERIAL	
PS Conductive Black	
surface resistance 10 <sup>3</sup> Ω -10 <sup>6</sup> Ω	

DIMENSIONS	
W	= 16 mm
P	= 8 mm
T	= 0,4 mm
Ao	= 3,3 mm
Bo	= 4,3 mm
Ko	= 5,2 mm
TRAILER	20 cvt
FILL IN	1700 pcs
LEADER	50 cvt



PACKING					
		REEL		BOX	PALLET
LENGTH		42 m		630m	7560 m
CAVITIES		5250 cvt		78750 cvt	945000 cvt
PARTS		3400 pcs[2x1700]		51000 pcs	612000 pcs
WEIGHT		0,63kg		10,71 kg	143,5 kg
QTY		Single Reel		15 reels/box	12 boxes/pallet
DIMENSION		560/76 x 16 cardboard		39 x 58 x 58 [cm]	80 x 120 x 190 [cm]
				