

Carrier_BT494030_SOT23-6_h LCP

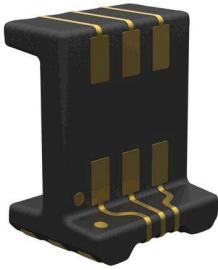


Image is for illustration purposes only. Please refer to product description.

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 μm)
Length	4.9 mm
Width	4 mm
Height	3 mm
RoHS	compliant
ELV status	compliant

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

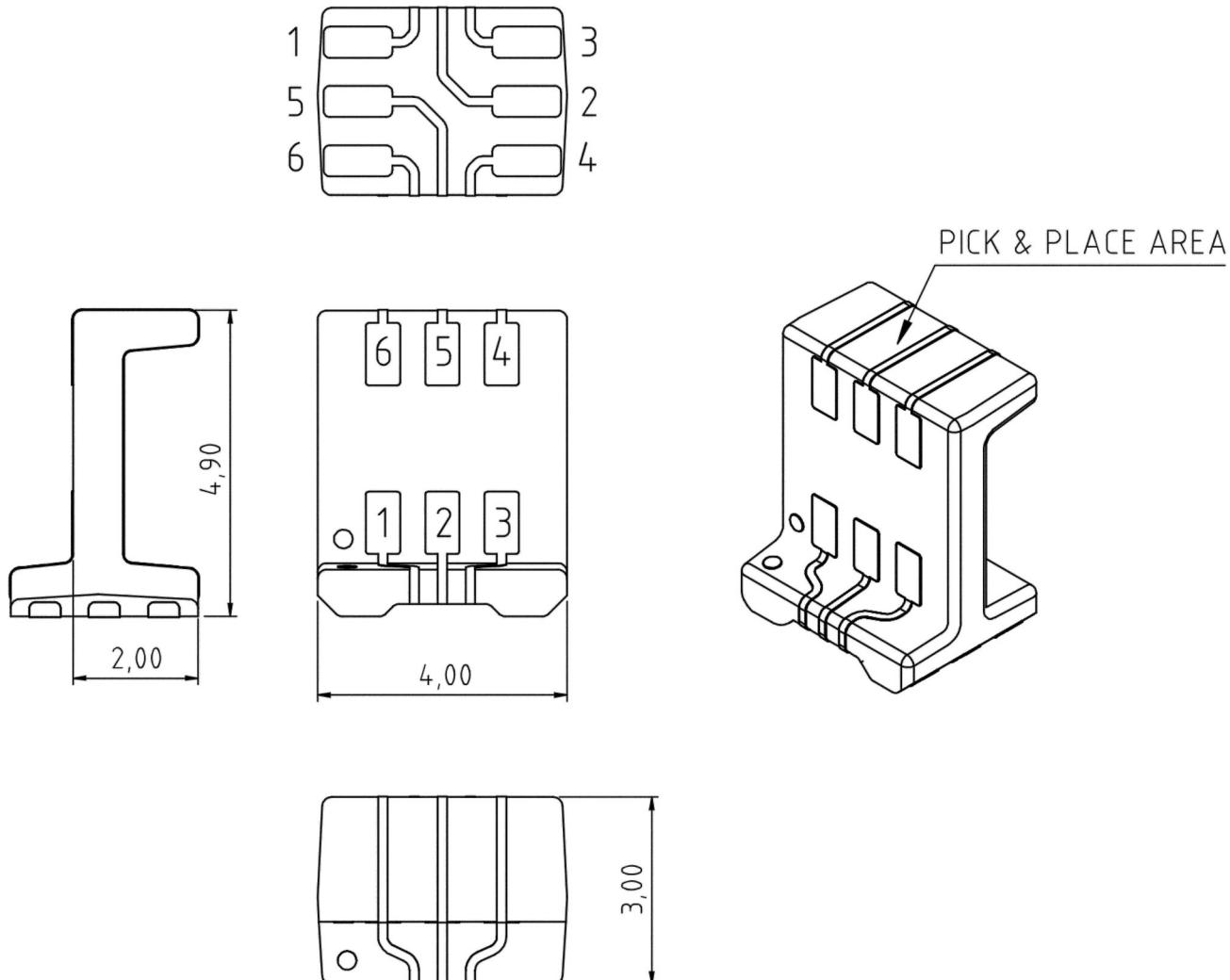
Commercial data

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

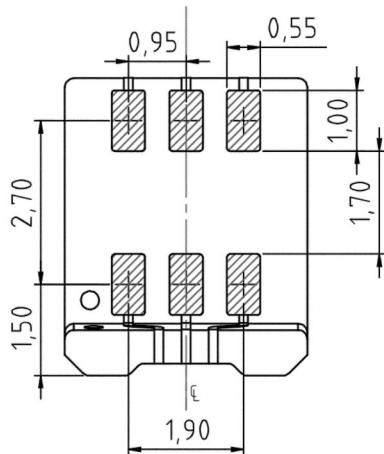
Other materials or trace layouts on request!



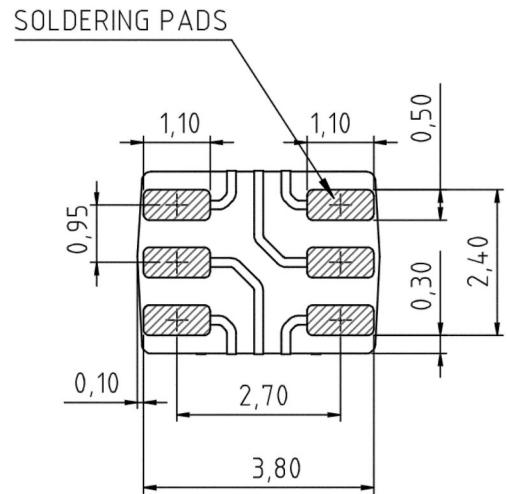
Drawing (dimensions in mm)



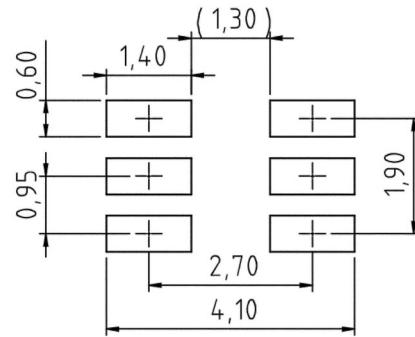
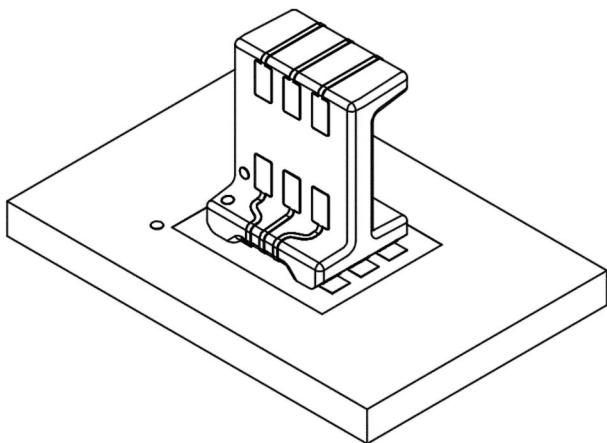
Drawing (dimensions in mm)



COMPONENT PADS LAYOUT
SOT-23-6

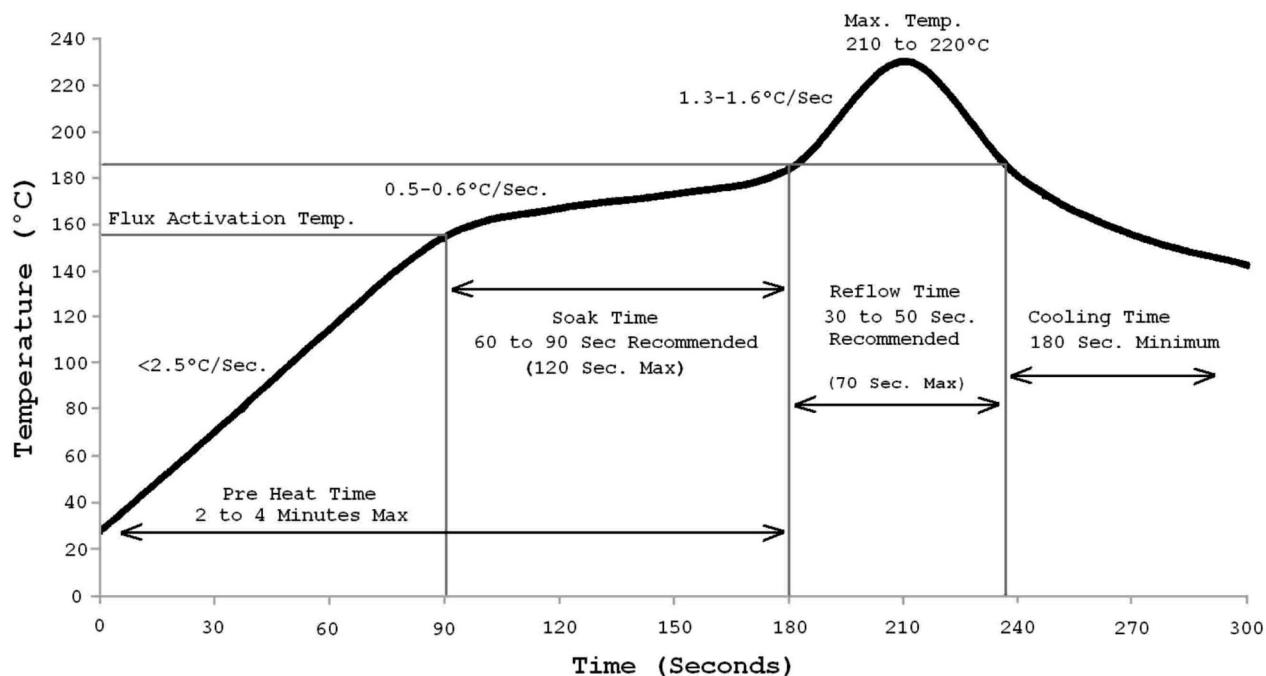


CARRIER PATTERN LAYOUT



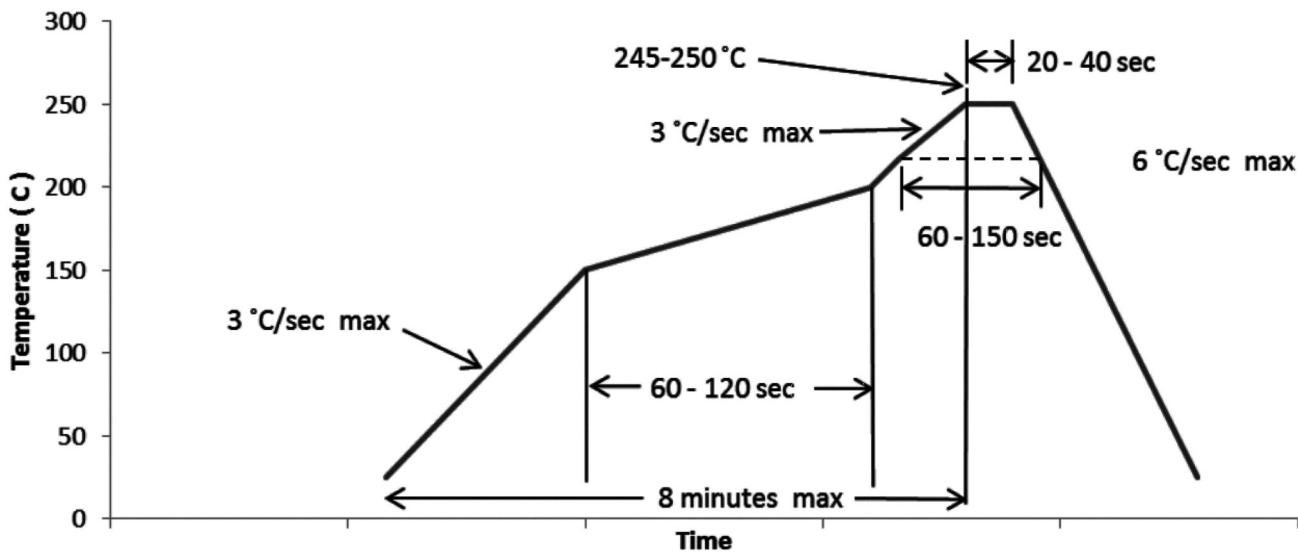
RECOMMENDED PCB PATTERN LAYOUT

Soldering instructions



PB-free soldering profile

(J-STD-020C)

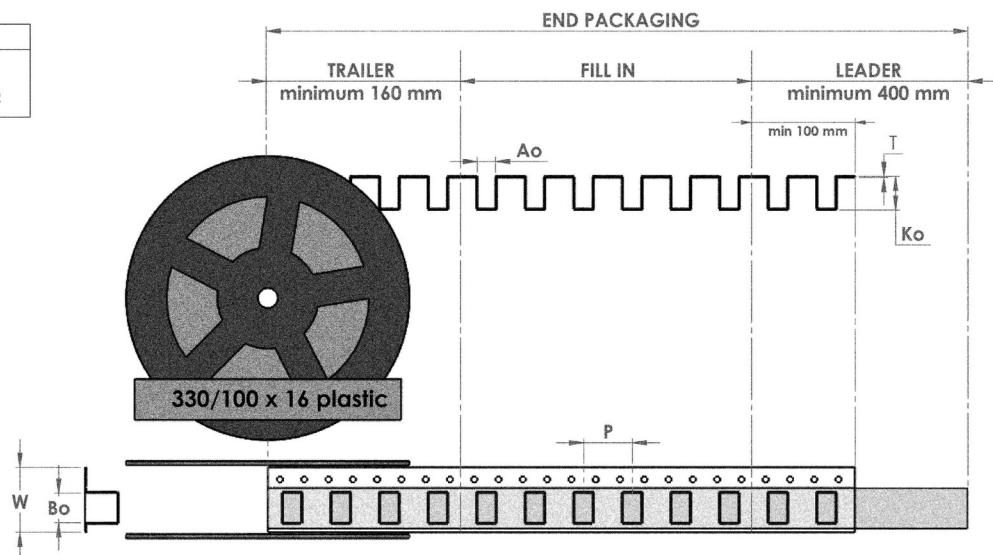


Tape layout & packaging

BT494030

MATERIAL	
PS Conductive Black	surface resistance $10^3 \Omega$ - $10^5 \Omega$

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]		