



Pushing Performance
Since 1945

Carrier_BT494030_SOT23-3_v LCP

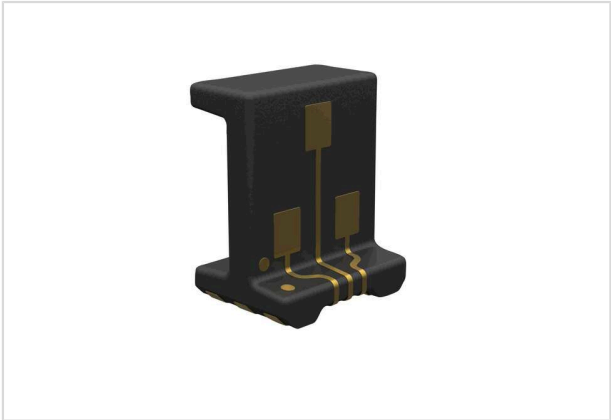


Image is for illustration purposes only. Please refer to product description.

Part number	78 01 030 0005
Specification	Carrier_BT494030_SOT23-3_v LCP
HARTING eCatalogue	https://b2b.harting.com/78010300005

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



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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

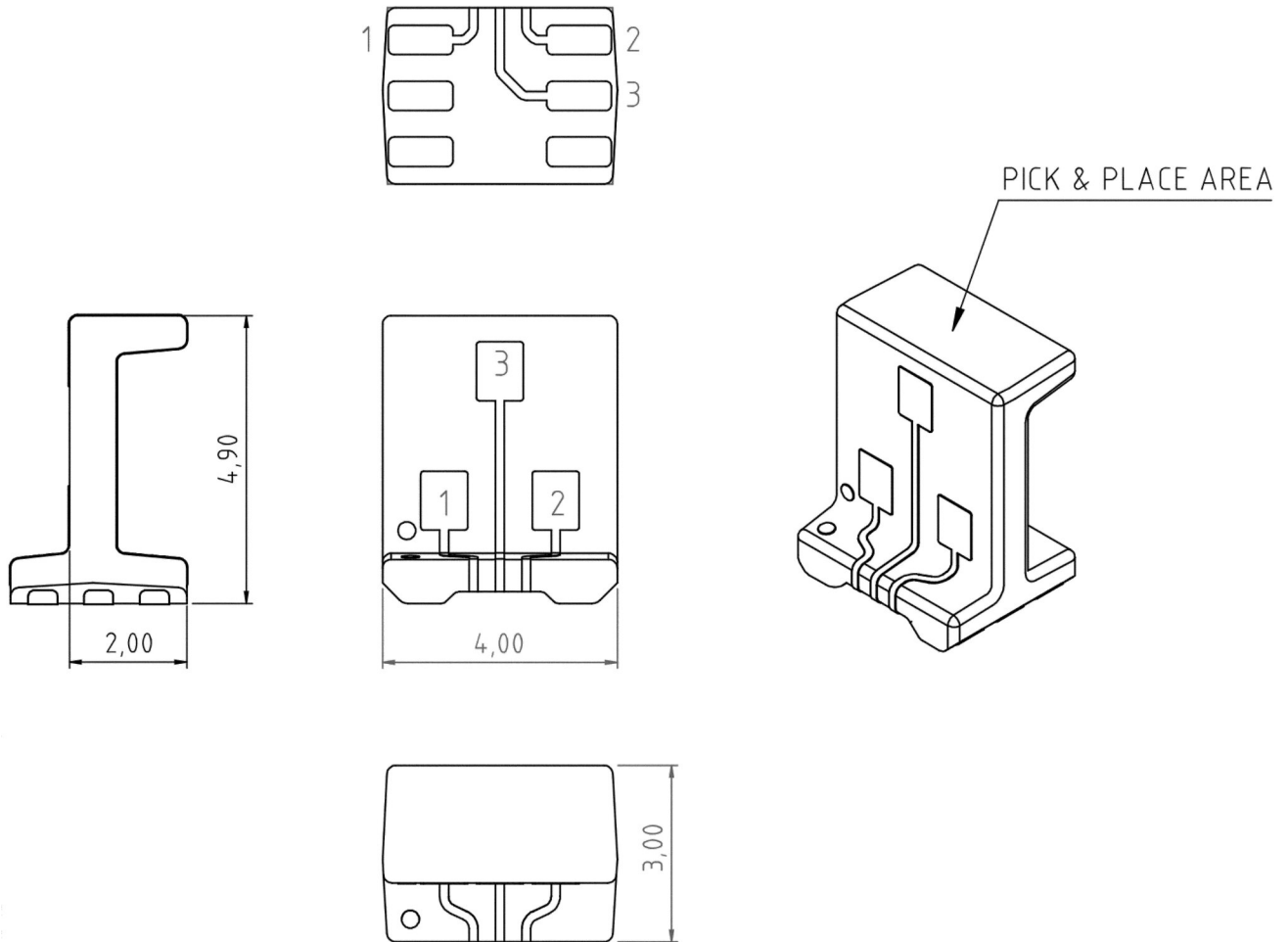
Commercial data

Packaging size	1,700
Net weight	0.5 g
Country of origin	Switzerland
European customs tariff number	85340019
GTIN	5713140277410
ETIM	EC002637
eCl@ss	27469090 PCB connection technology (other, unspecified)

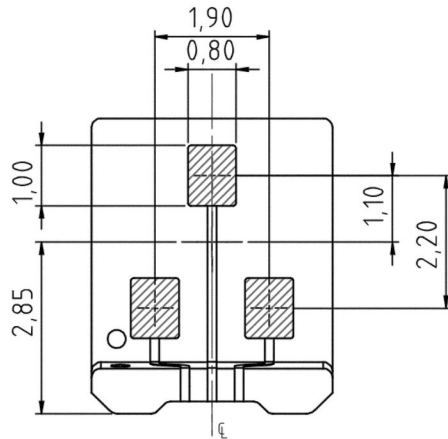
Other materials or trace layouts on request!



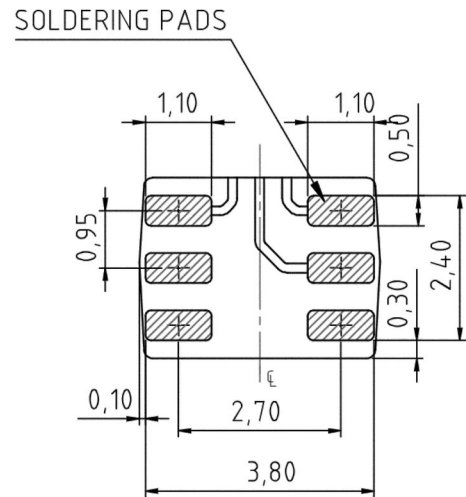
Drawing (dimensions in mm)



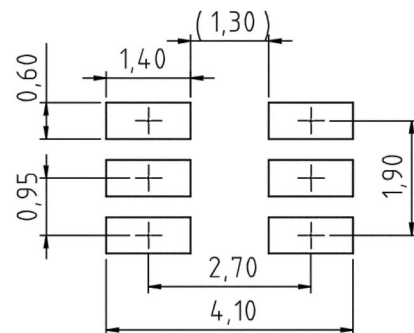
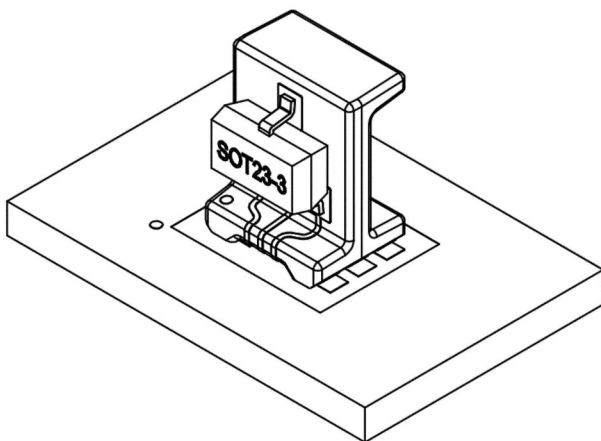
Drawing (dimensions in mm)



COMPONENT PADS LAYOUT
SOT23-3

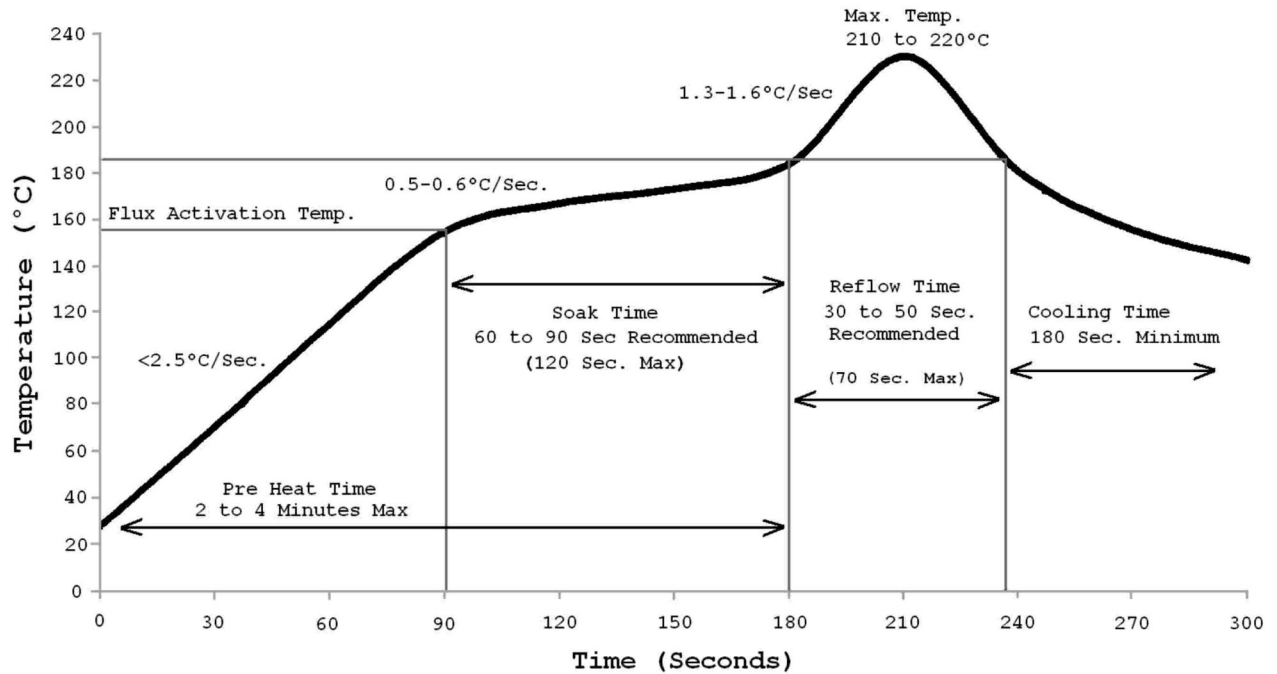


CARRIER PATTERN LAYOUT

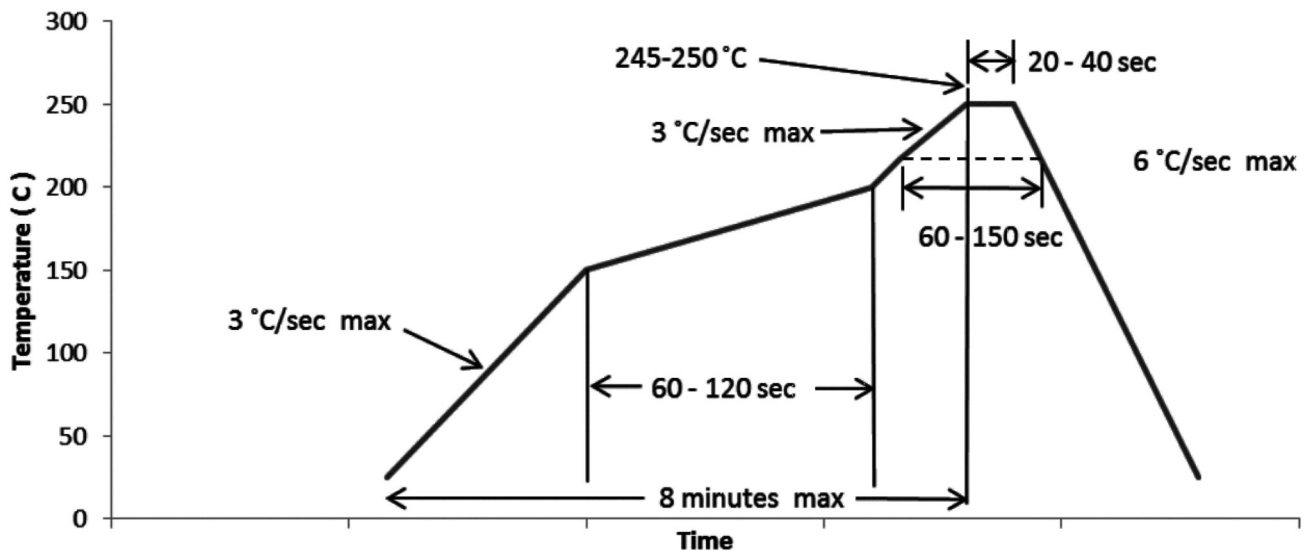


RECOMMENDED PCB PATTERN LAYOUT

Soldering instructions



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





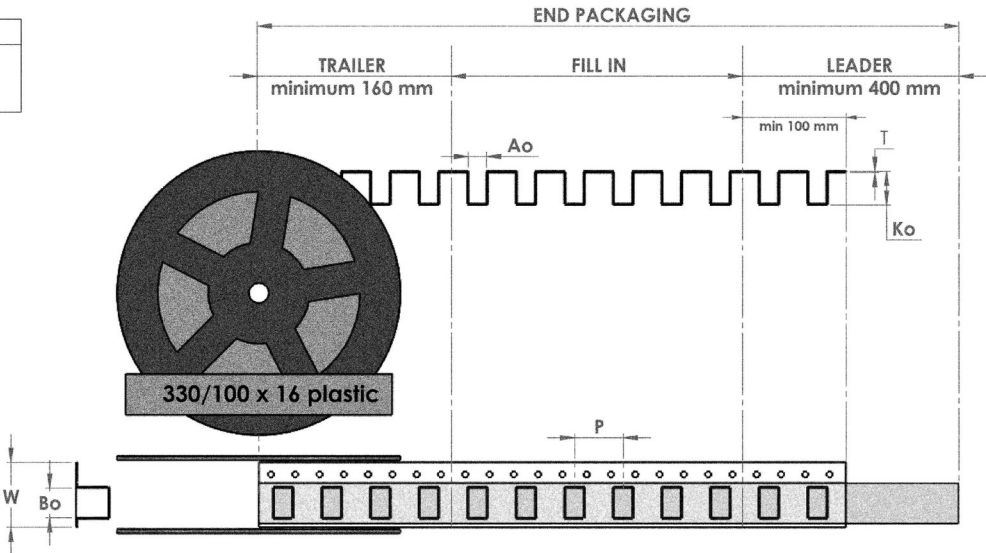
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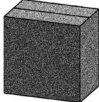
Tape layout & packaging

BT494030

MATERIAL	
PS Conductive Black	
surface resistance 10 ³ Ω -10 ⁶ 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]
				