

## Carrier\_BT807042\_SOT23-3\_v LCP

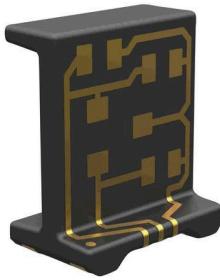


Image is for illustration purposes only. Please refer to product description.

### 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
	1200 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	8 mm
Width	7 mm
Height	4.2 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

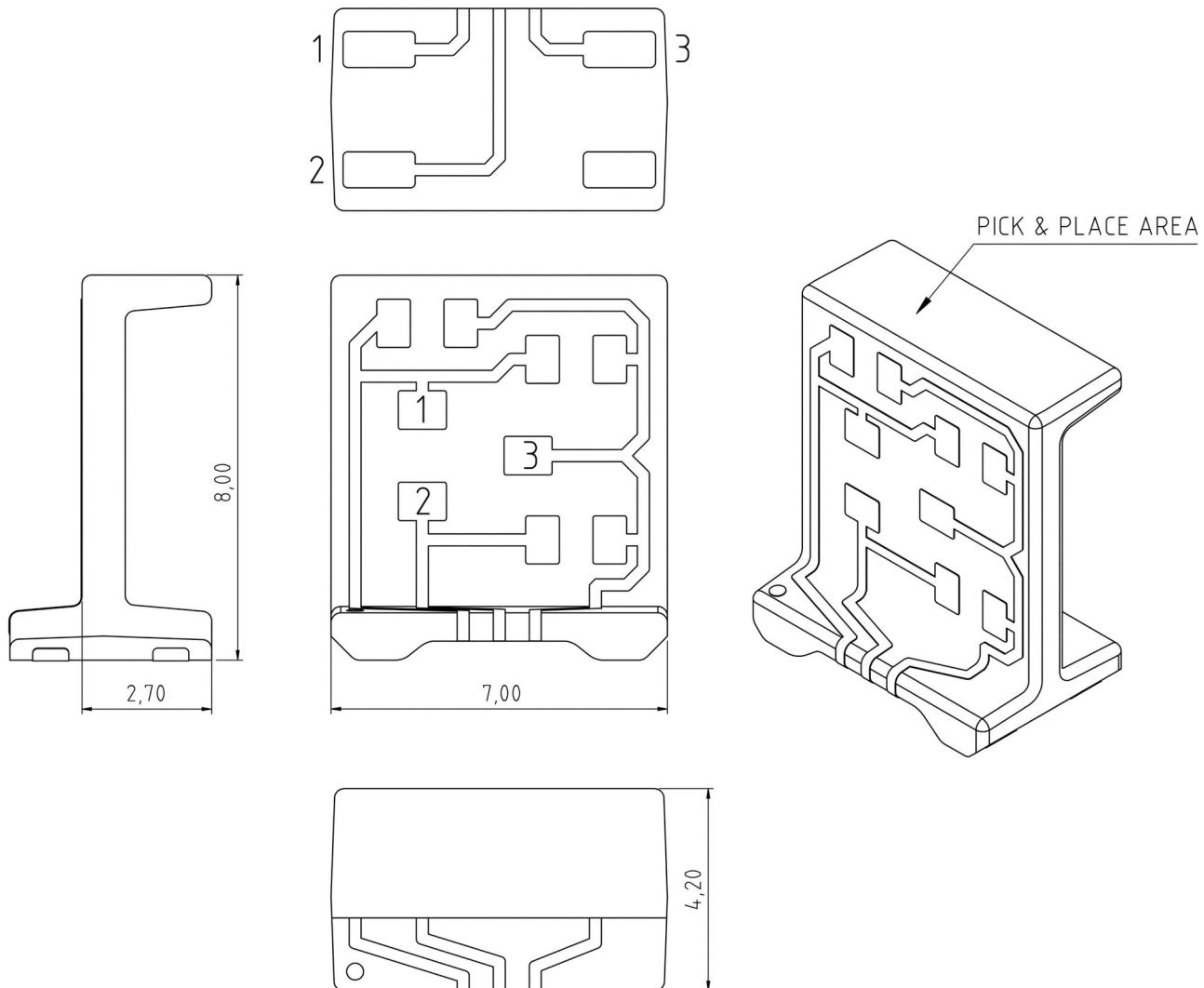
## Commercial data

Packaging size	600
Country of origin	Switzerland
European customs tariff number	85340090
GTIN	5713140277397
eCl@ss	27469090 PCB connection technology (other, unspecified)
ETIM	EC002637
UNSPSC 24.0	39121415

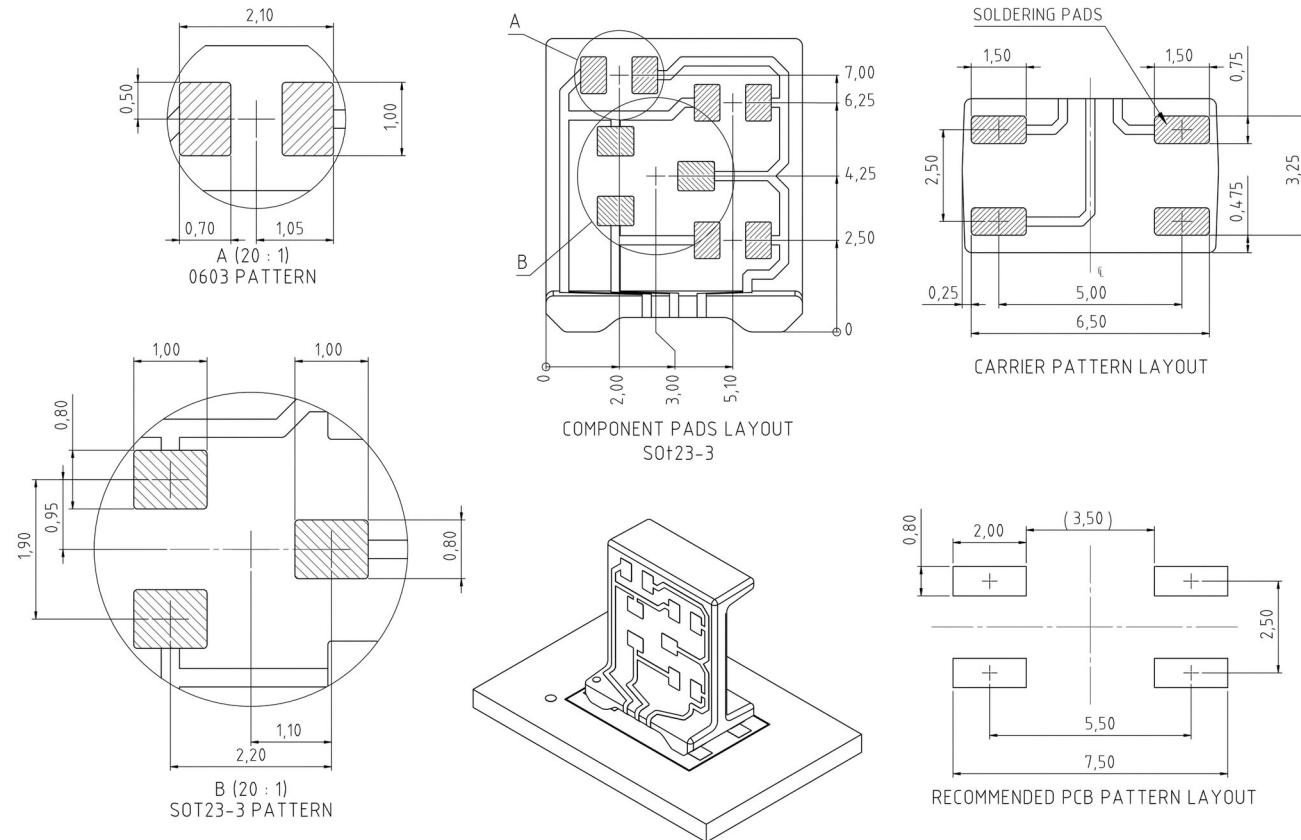
Other materials or trace layouts on request!



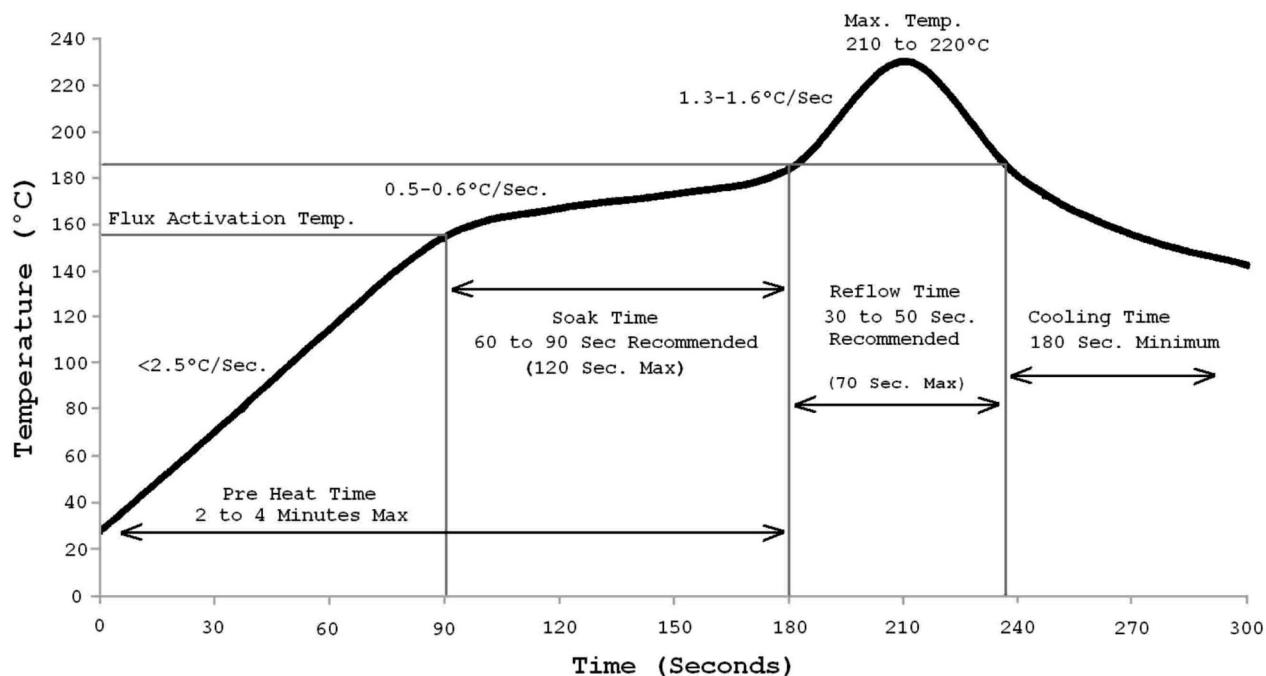
Drawing (dimensions in mm)



Drawing (dimensions in mm)

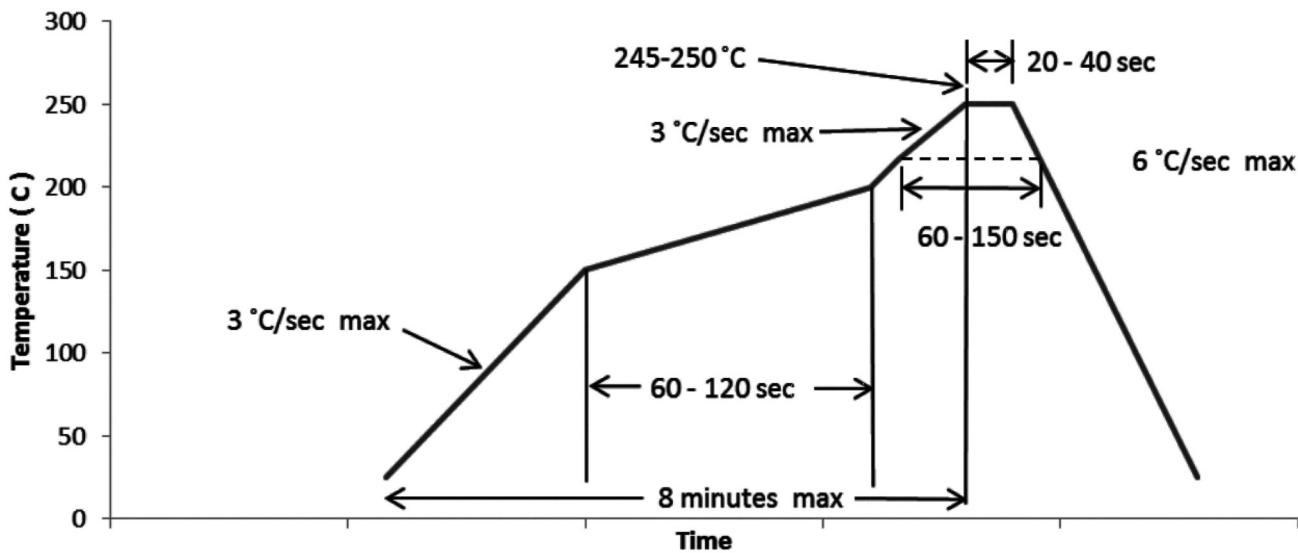


### Soldering instructions



PB-free soldering profile

(J-STD-020C)

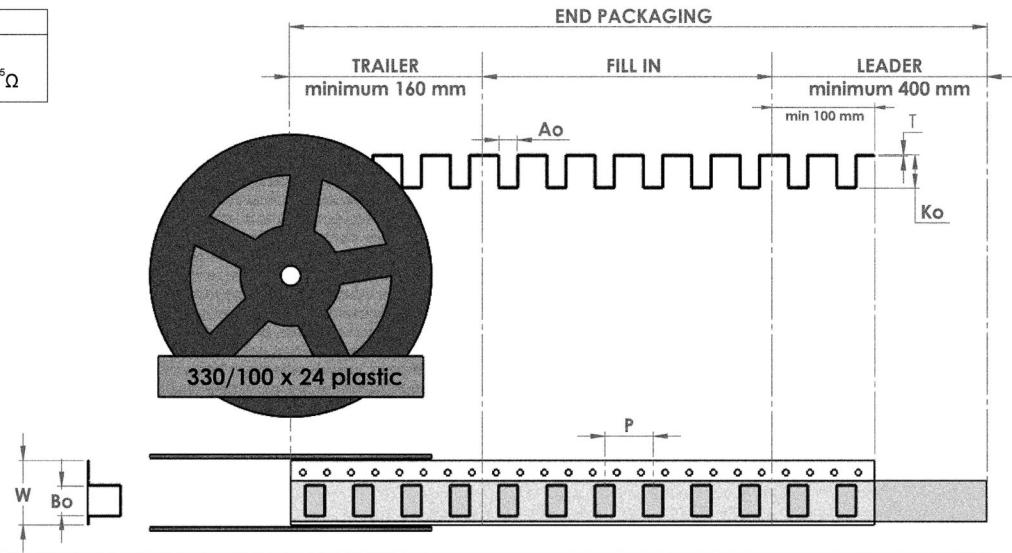


Tape layout & packaging

**BT807042**

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

DIMENSIONS	
W	= 24 mm
P	= 12 mm
T	= 0,5 mm
Ao	= 4,5 mm
Bo	= 7,3 mm
Ko	= 8,3 mm
TRAILER	14 cvt
FILL IN	600 pcs
LEADER	34 cvt



PACKING				
	REEL	BOX		PALLET
LENGTH	23m	230m		2,760 m
CAVITIES	1917 cvt	19170 cavities		230040 cavities
PARTS	1200 pcs[2x600]	12000 pcs		144000 pcs
WEIGHT	0,65kg	7,85 kg		109,18 kg
QTY	Single Reel	10 reels/box		12 boxes/pallet
DIMENSION	560/76 x 24 cardboard	39 x 58 x 58 [cm]		80 x 120 x 190 [cm]