

Carrier_BT807042_SOIC-8_v LCP

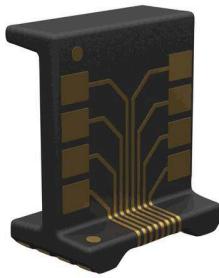


Image is for illustration purposes only. Please refer to product description.

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 μm)
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

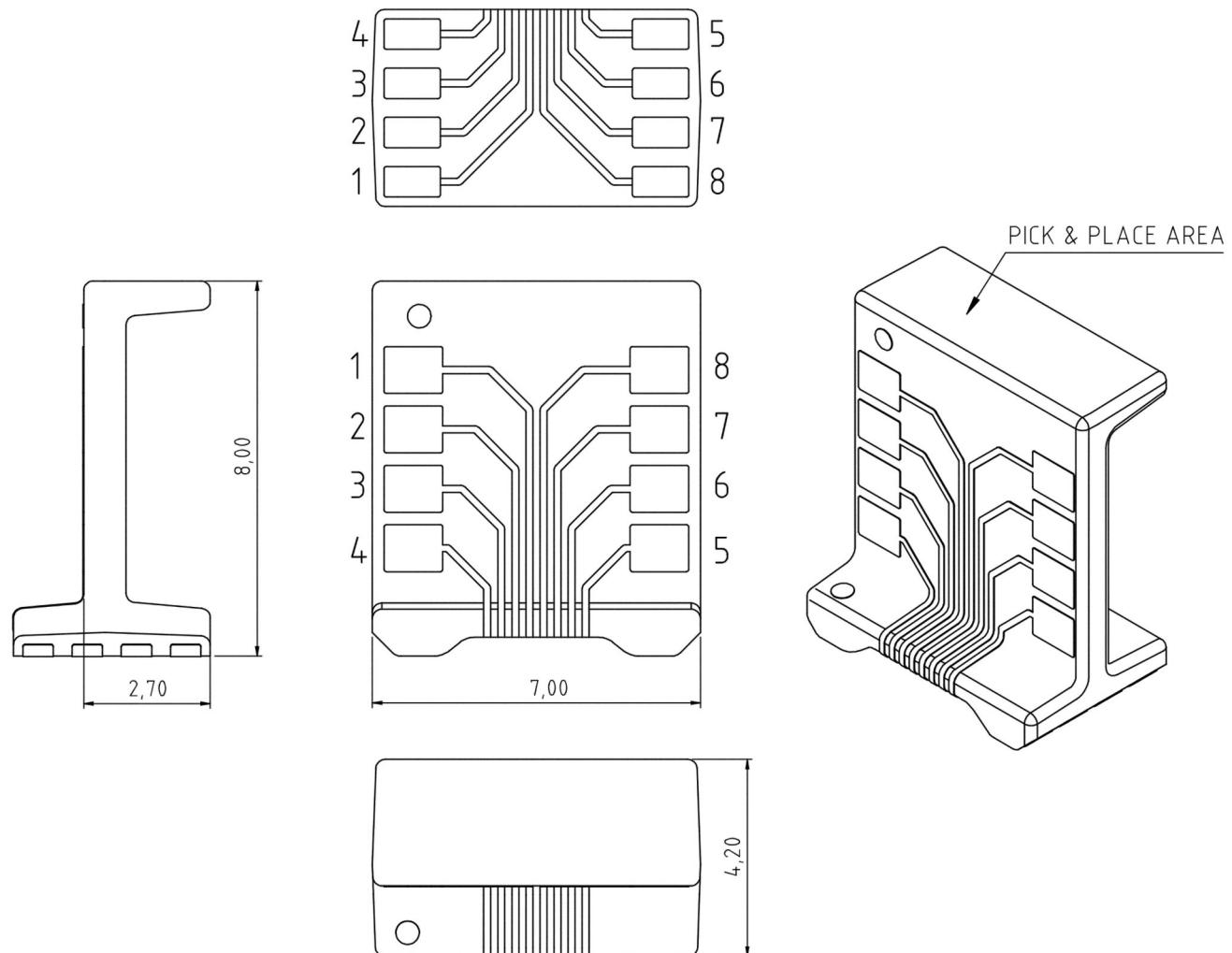
Commercial data

Packaging size	600
Net weight	0.792 g
Country of origin	Switzerland
European customs tariff number	85340090
GTIN	5713140277380
eCl@ss	27469090 PCB connection technology (other, unspecified)
ETIM	EC002637
UNSPSC 24.0	39121415

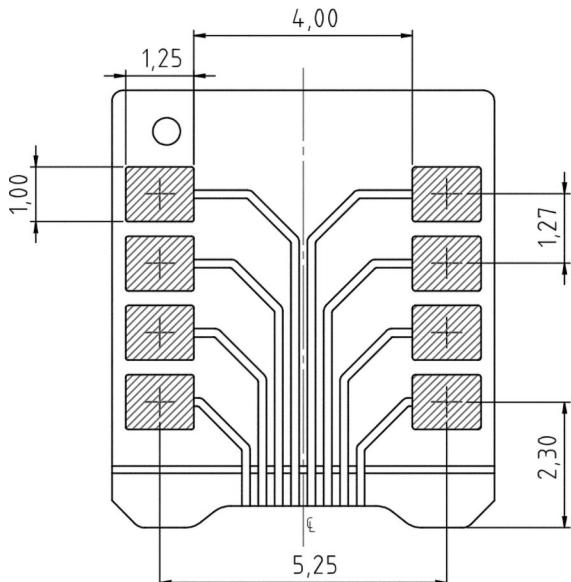
Other materials or trace layouts on request!



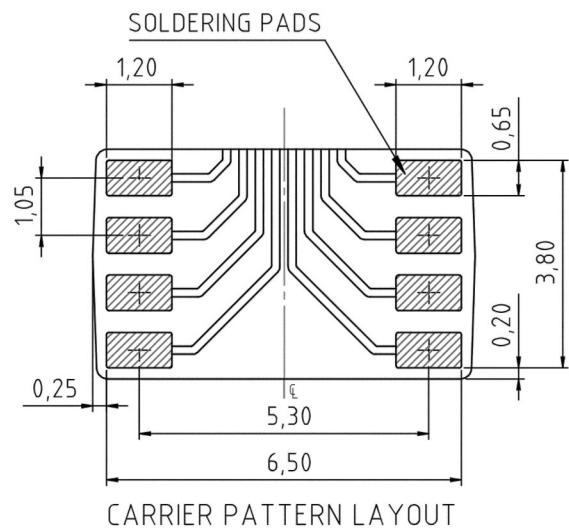
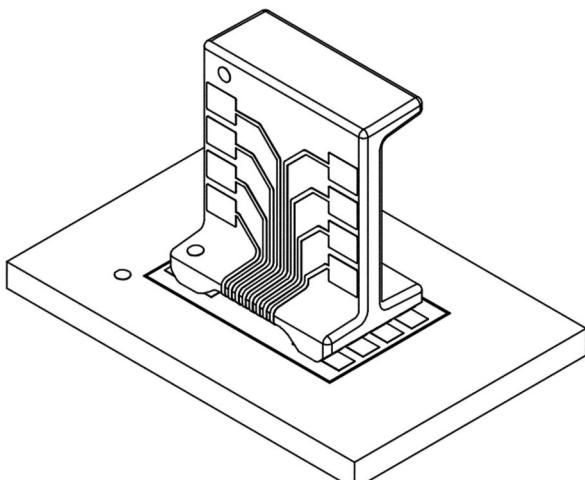
Drawing (dimensions in mm)



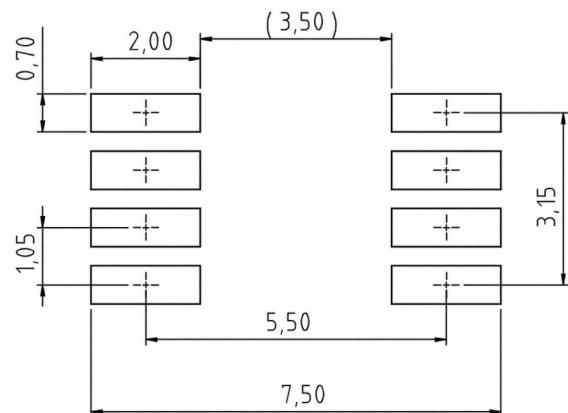
Drawing (dimensions in mm)



COMPONENT PADS LAYOUT
SOIC-8

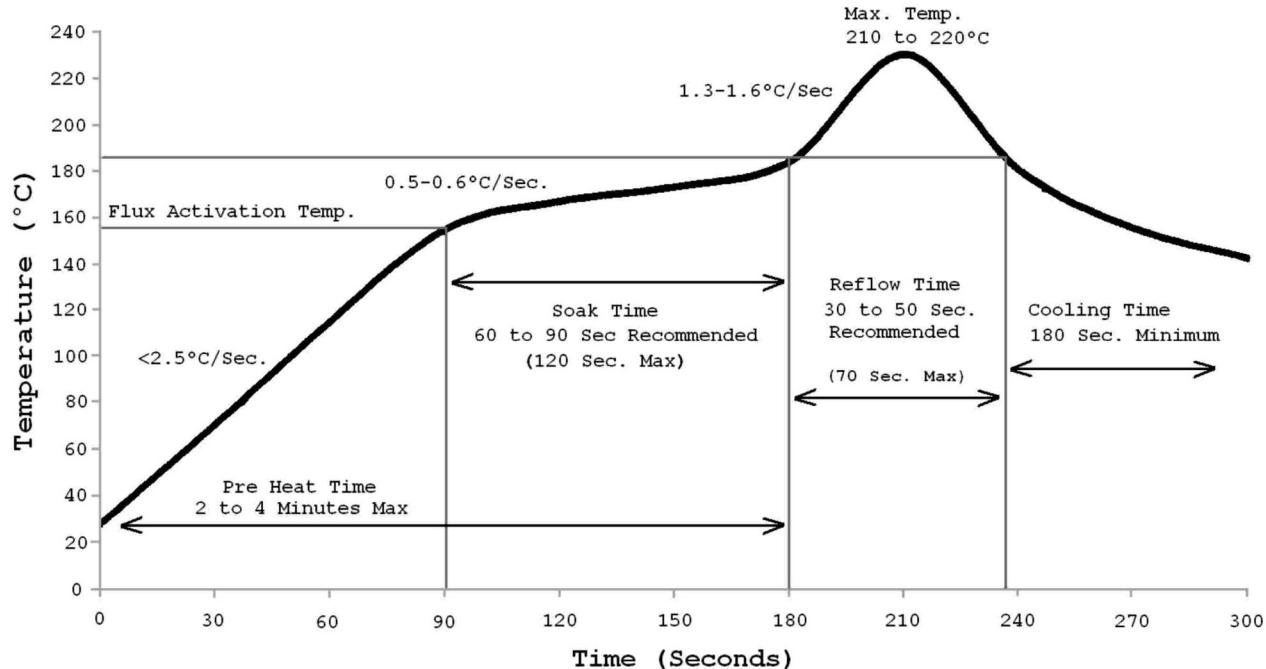


CARRIER PATTERN LAYOUT



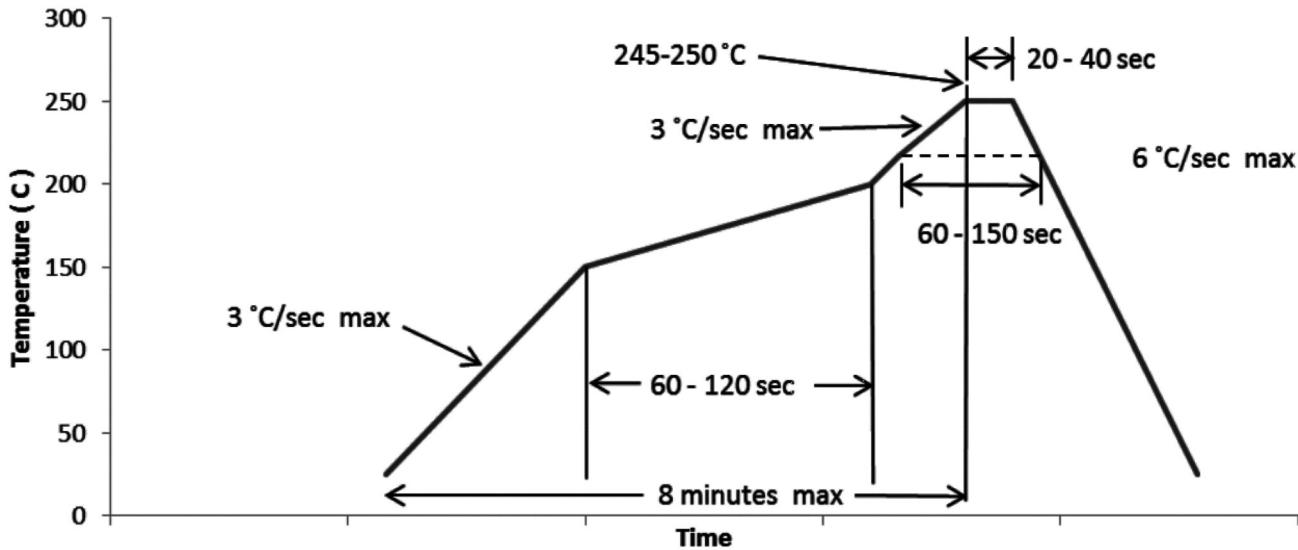
RECOMMENDED PCB PATTERN LAYOUT

Soldering instructions



PB-free soldering profile

(J-STD-020C)

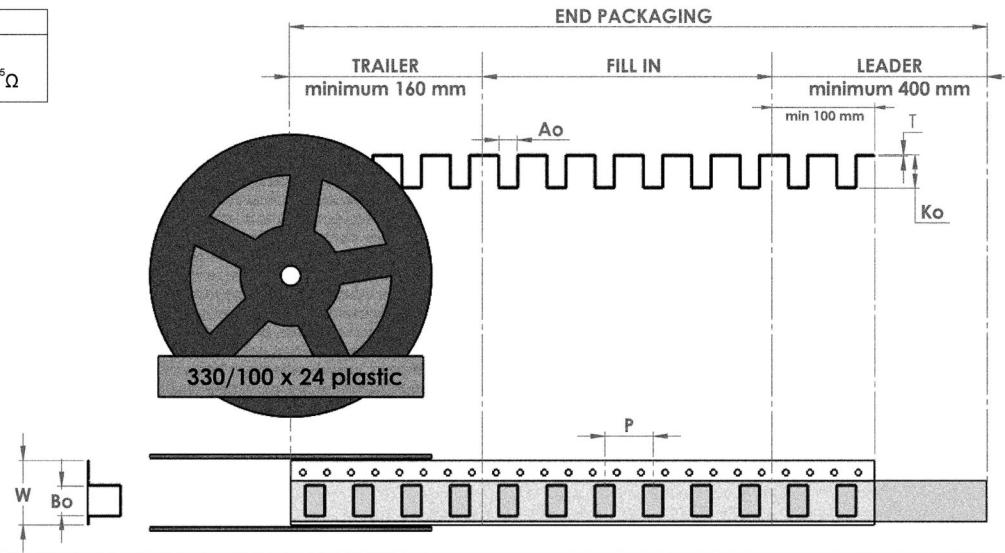


Tape layout & packaging

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]