



Pushing Performance
Since 1945

Carrier_BT807042



Part number	78 01 030 0004
Specification	Carrier_BT807042
HARTING eCatalogue	https://b2b.harting.com/78010300004

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

Commercial data

Packaging size	600
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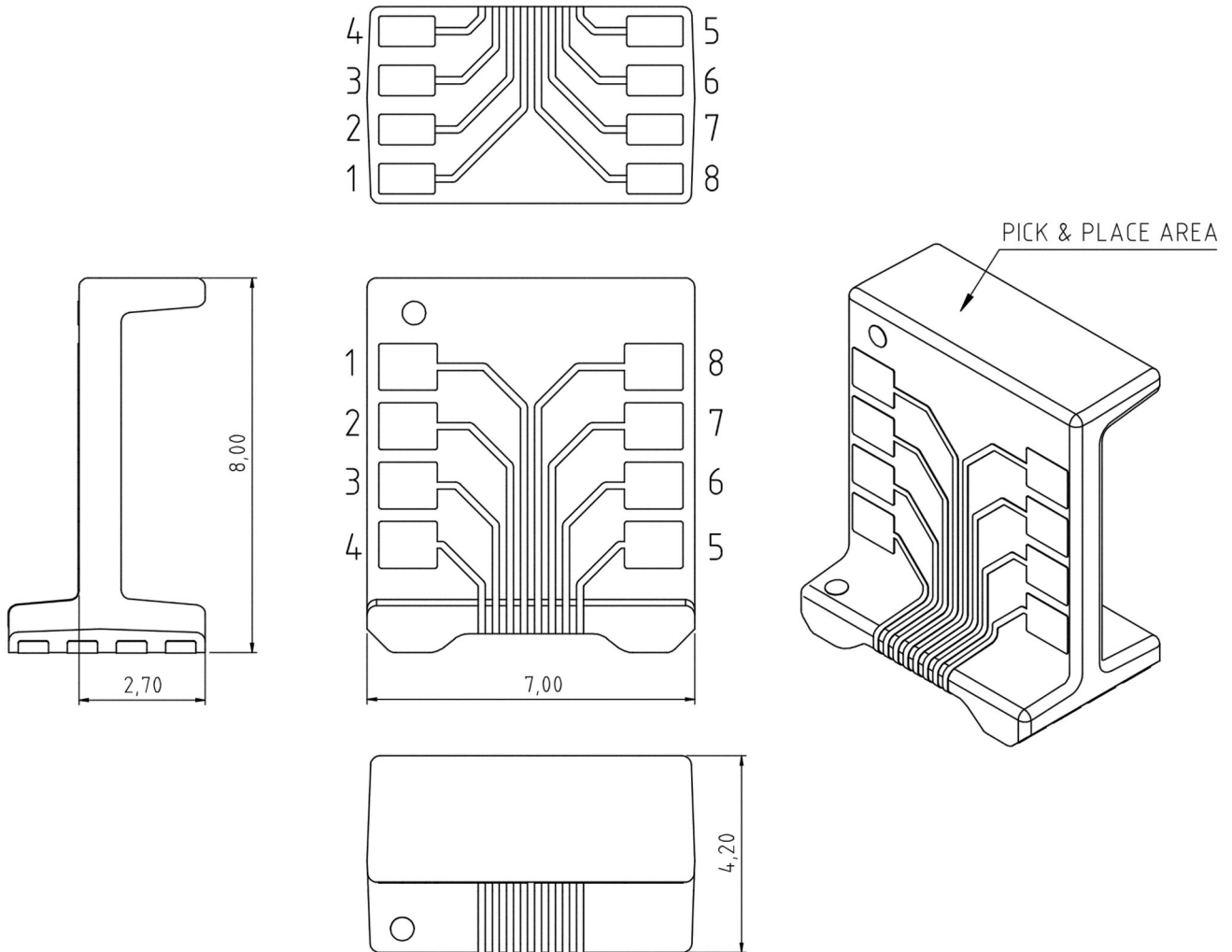
Commercial data

Country of origin	Switzerland
European customs tariff number	85340019
GTIN	5713140277380
eCl@ss	27469090 PCB connection technology (other, unspecified)

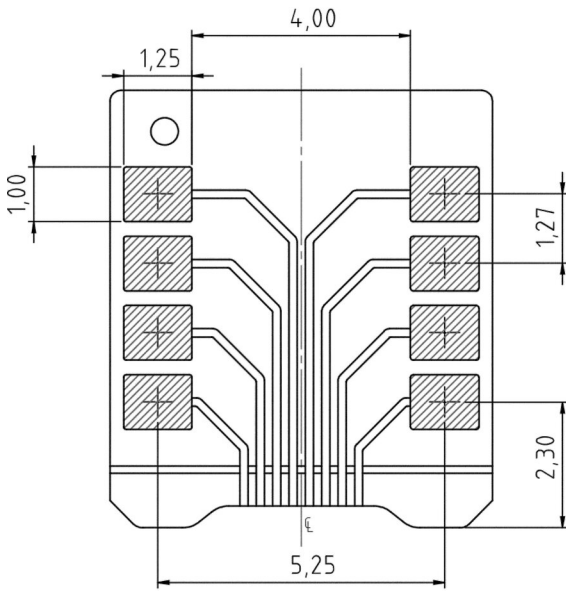
Other materials or trace layouts on request!



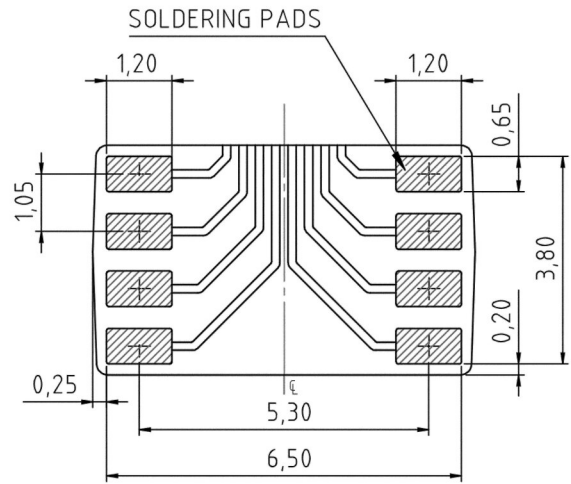
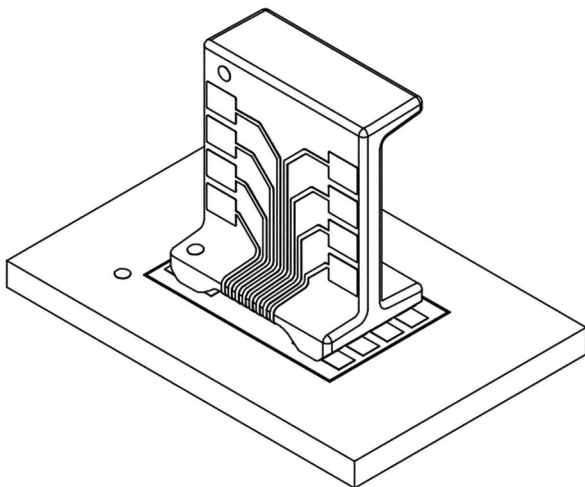
Drawing (dimensions in mm)



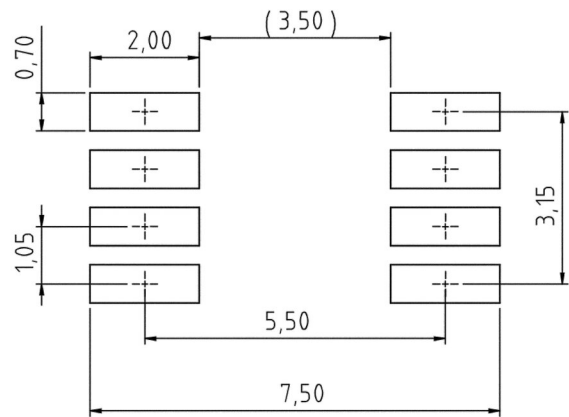
Drawing (dimensions in mm)



COMPONENT PADS LAYOUT
 SOIC-8



CARRIER PATTERN LAYOUT

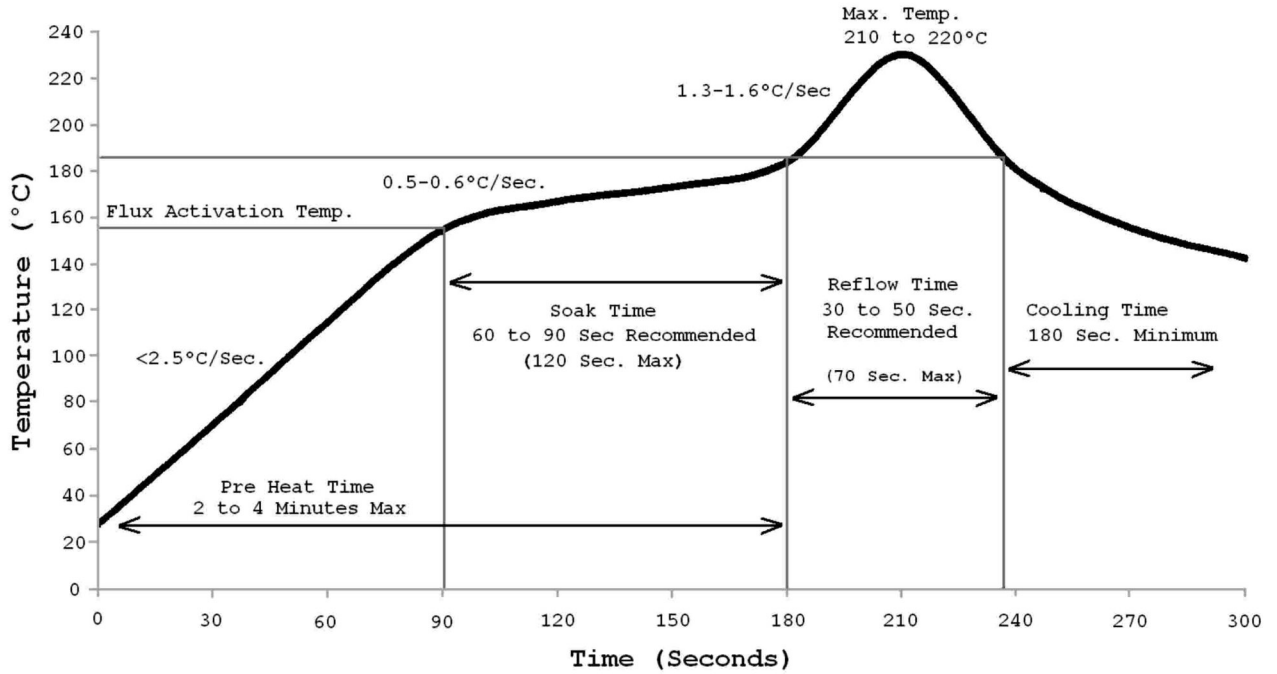


RECOMMENDED PCB PATTERN LAYOUT

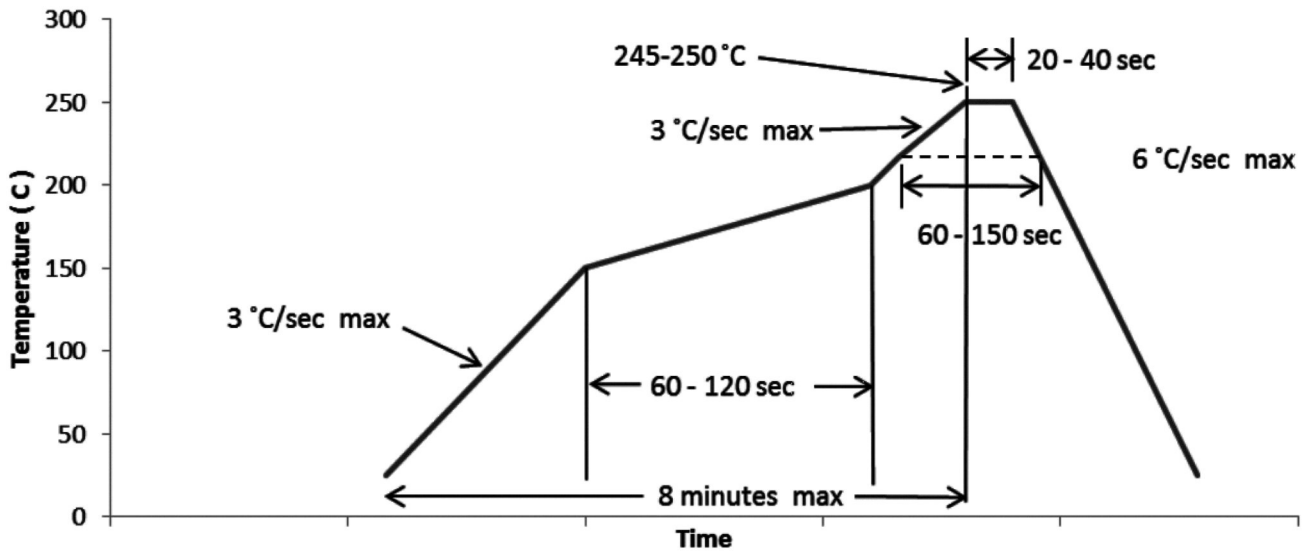


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Soldering instructions



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

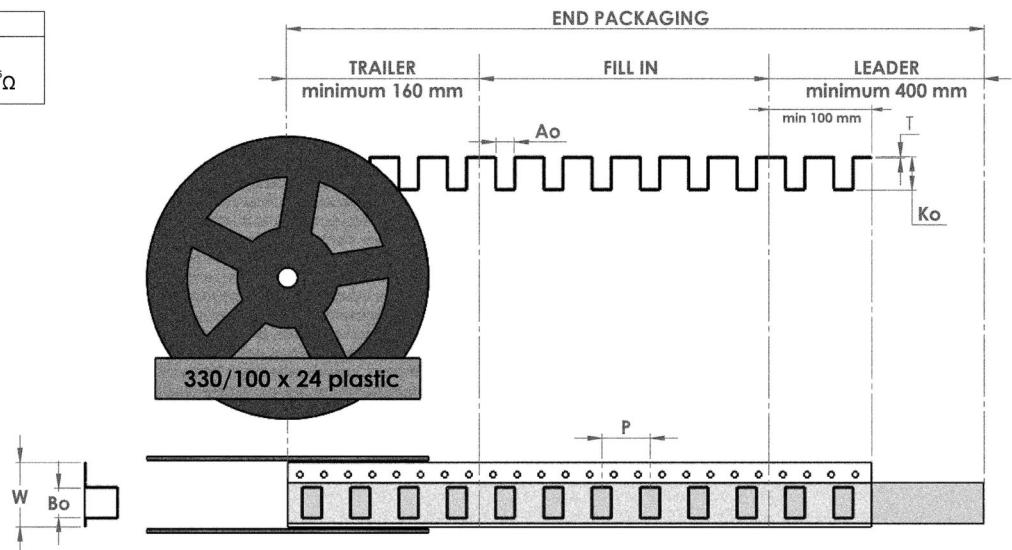



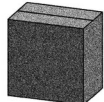
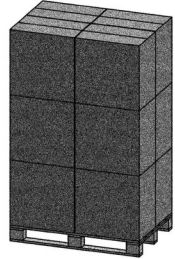
Tape layout & packaging

BT807042

MATERIAL	
PS Conductive Black	
surface resistance $10^7 \Omega - 10^5 \Omega$	

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