

# Interface block

## SB-P-HS-034-20A-1,0

Item 31009



GO TO PRODUCT

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Partner for Future Technology

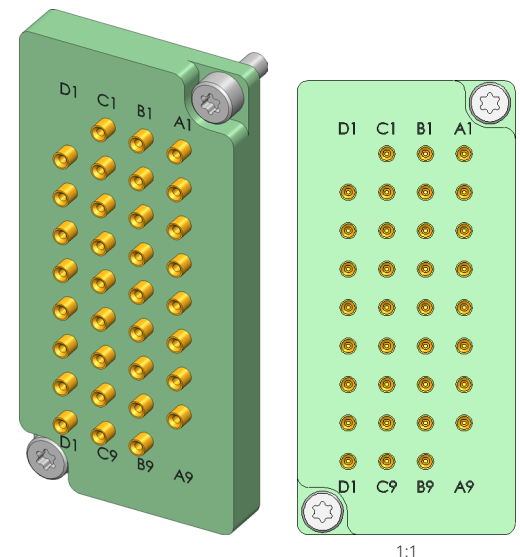
- Equipped with INGUN test probes
- Suitable for test fixtures with internal or external Pylon interface
- Consistently low contact resistances and replicable measured values
- High contact reliability and transmission quality
- Reliable transmission of high current signals

### Application

Interface blocks (SB) are used to reliably transmit signals between test device and test system in internal and external Pylon interfaces. High-current blocks are suitable for the reliable transmission of high currents and hazardous voltages within the scope of their specification.

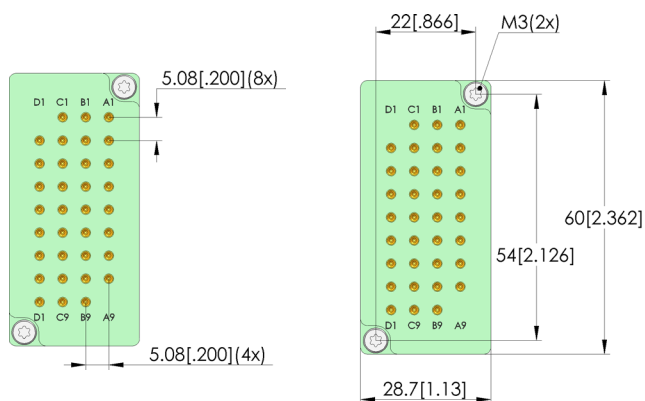
### Signal transmission

The signal is transmitted via two opposing interface blocks, which are designed for a working distance of  $15.1 \pm 0.5$  mm between their mounting surfaces.



### Delivery

The product is delivered fully assembled including the installation accessories.



### General data

|                     |                              |
|---------------------|------------------------------|
| Product group:      | Interface blocks (SB)        |
| Series:             | SB-HS                        |
| Type:               | High-current block           |
| Version:            | Device under test (DUT) side |
| Accessory type:     | Customising accessories      |
| Component assembly: | KT-254L3E02-30 (solder)      |
| Weight:             | 0.03 kg [.066 lbs]           |
| Min. temperature:   | -30 °C [-22 °F]              |
| Max. temperature:   | 120 °C [248 °F]              |
| RoHS-compliant:     | Yes                          |

### Electrical data

|                                     |        |
|-------------------------------------|--------|
| Typical resistance (Ri) of one GKS: | 5 mOhm |
|-------------------------------------|--------|

### Compatible with

|                                |                 |
|--------------------------------|-----------------|
| Compatible mating part 1:      | SB-T-HS-034-20A |
| MA exchangeable kits (ATS MA): | ATS MAxx        |

### Technical data

|                           |                                                |
|---------------------------|------------------------------------------------|
| Working distance:         | 15,1 +/- 0,5 mm                                |
| Connection:               | Solder cup                                     |
| Number of poles:          |                                                |
| Air distance (not wired): | 3 mm [.118 in]                                 |
| Max. current of one GKS:  | 20 A                                           |
| Max. current of all GKS:  | 1.5 A                                          |
| Max. voltage:             | 270 V                                          |
| Max. power loss:          | 5 W                                            |
| Min. line cross-section:  | 0.25 mm <sup>2</sup> [.00038 in <sup>2</sup> ] |

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