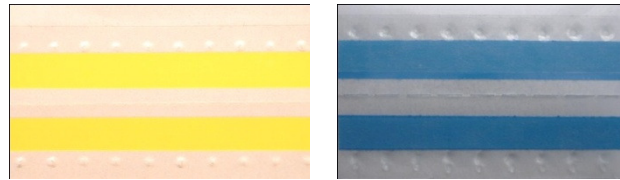




SMT Double Splice Tape - Application Notes



Accurate joining of SMD carrier tapes ensures smooth running of the joint through the pick and place feeder. The following is a quick and simple method for using the SMD Double Splice Tape to create perfect, reliable joints.

SMD Double Splice Tape features include:

- Maintains precise pitch spacing and cover tape integrity
- Connectors supplied in convenient lengths
- No special tools or fixtures required

SMD Double Splice Tape is supplied in short lengths, ready for use. After peeling off the cover tape, raised dots of the clear plastic carrier engage the sprocket holes and align the SMD component tapes perfectly. The first adhesive tape joins the SMD cover tapes. There is a perforated center line on the carrier which simplifies folding the connector around the component tape. The component tape is then further aligned and joined from the bottom side.

1. Cut each SMD tape-end squarely across a sprocket hole so that slightly less than $\frac{1}{2}$ a hole remains. For some types of tape, it may be necessary to ease the start of the cover tape off the component carrier tape about 1mm to ensure that the cover tape lifts off without a break.
2. Remove the opaque cover tape from the Tape Connector. Be certain the yellow or blue adhesive strips remain attached to the clear plastic carrier.
3. Join the ends of the SMD tapes together by engaging the raised dots of the clear plastic carrier in the sprocket holes. Press the yellow or blue adhesive tape onto the cover tape.
4. Fold the splice tape on the perforations, around the SMD tape and engage the dot in the sprocket holes. Press the other yellow or blue adhesive tape onto the underside of the SMD tape.
5. Remove and discard the clear plastic carrier.

Caution: Handle the double splice tape with clean hands that are free of hand lotions, oil, grease, salts etc., as this will affect the adhesion properties of the splice tape.