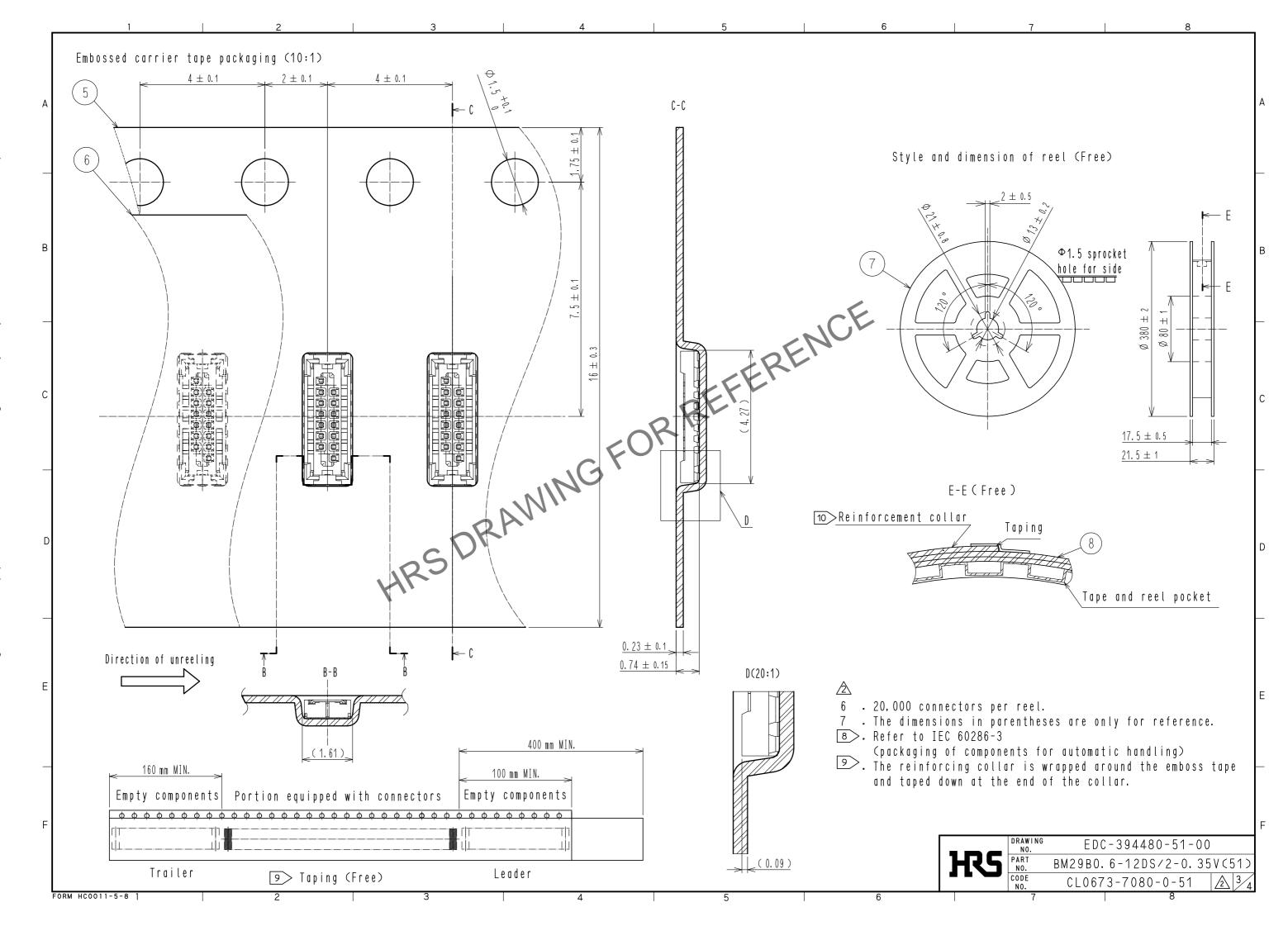
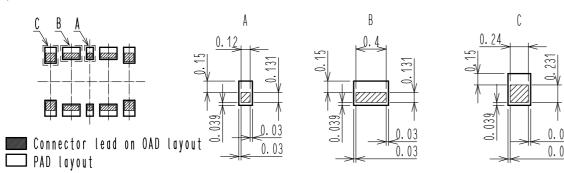


Recommended reflow temperature profile using lead-free solder paste. MAX 250 ℃ 220 °C 180 °C MAX 60 sec. SOLDERING TIME PRE-HEATING TIME TIME (sec.) Reflow method: IR reflow Number of reflow cycles:2 cycles MAX. Duration above 220℃, 60 sec MAX. (Peak temperature:250℃ MAX) Pre-heat temperature(MIN):150℃ Pre-heat temperature(MAX):180°C Pre-heat time:90-120 sec. This temperature profile is based on the suggested metal mask and footprint. Please contact us if using different settings apply solder resist in order for the insulation treatment. EDC-394480-51-00 BM29B0.6-12DS/2-0.35V(51) CL0673-7080-0-51



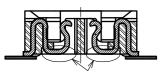
≥ 10. Please refer to the product guideline ETAD-H1016 for detail of connector handling.

The position between the connector and PAD



Caution for soldering

There is metal exposure area bottom of the connector. To avoid solder wicking from the bottom side, please design PCB PAD and stencil with recommended dimensions.



Matina method

Please mate the connector by hand.

Matina procedure

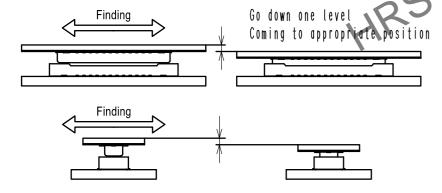
) Find the alignment area to the connector in the appropriate mating position.

This connector has an alignment chamber (guidance ribs) on receptacle side and "r" on plug side.

so that the connector will be self-aligned.

When the connector comes to the appropriate position. The connector goes into the "he connector the felt by hand.

Finding ... (1) Find the alignment area to the connector in the appropriate mating position.



(2) When quiding, the connectors are aligned parallel to each other, with longitudinal and lateral movements restricted. Mate them properly by applying force in this condition.

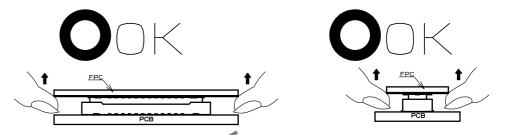


(3) Make sure the connectors are mated correctly. If one side is floating or the connectors are mated in one direction, un-mate them once, and then mate them again, following the procedures above from the beginning.

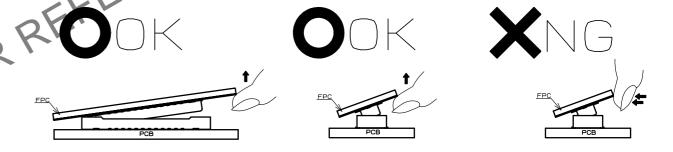
Un-mating method

Please un-mate the connector by hand

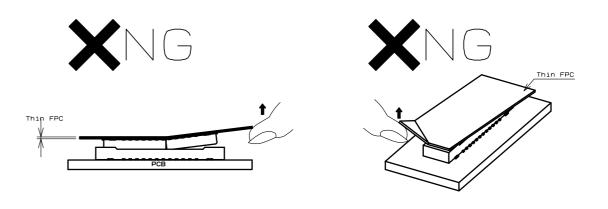
(1) Un-mate the connectors parallel to each other. However, if the connectors have high pin counts or thinner FPC and stiffener, it becomes more difficult to do so.

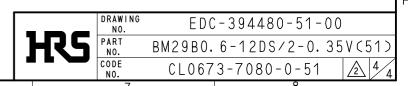


(2) If the connector cannot be un-mated parallel it can be removed diagonally from the pitch direction. Be careful to do so since this action applies stress on the contact.



(3) If the FPC is not rigid, The connector can be broken. Please check the action of the FPC to be used repeatedly at the time of trial production, be careful to un-mate them from the pitch direction, pulling it from the corner can also risk to putting stress on contacts.





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