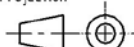


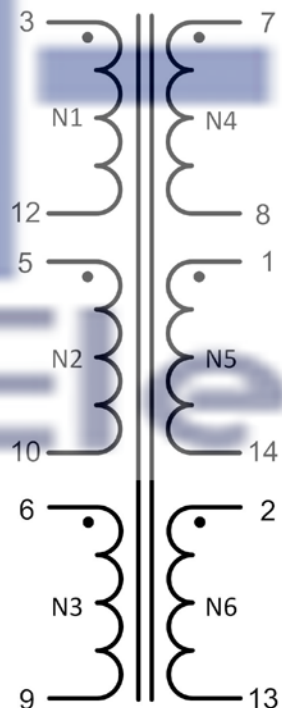
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|--|------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|
|  |            |  |  | Projection                                                                                                                                                                                                                                                              | DESCRIPTION<br><br><b>Flexible Transformer for DC/DC Converter</b> |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                    |                                                                    |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  |            |  |  | Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.<br>FKS(Xi'an) Electronic Technology Co.,Ltd.<br>Address: B1 Building,Western Cloud Valley,Fengxi New Town,<br>Xixian New Area,Xi'an City, Shaanxi Province,China.<br>Tel: +86-29-8888 5333<br>Fax: +86-29-8888 0913 | Order.- No.                                                        |  | SIZE |
|  | 2014-02-18 |  |  |                                                                                                                                                                                                                                                                         | FKS749197141                                                       |                                                                                       | A4   |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                                                                                       |      |
|  | DATE       |  |  |                                                                                               | Size: ETD29                                                        |                                                                                       |      |

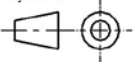
Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.  
 FKS(Xi'an) Electronic Technology Co.,Ltd.  
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# C Schematic:



|  |            |  |  |                                                                                                                                                                                                                                                                         |  |                                                                                       |      |
|--|------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|------|
|  |            |  |  | Projection<br>                                                                                                                                                                     |  | DESCRIPTION                                                                           |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |  | <b>Flexible Transformer for DC/DC Converter</b>                                       |      |
|  |            |  |  | Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.<br>FKS(Xi'an) Electronic Technology Co.,Ltd.<br>Address: B1 Building,Western Cloud Valley,Fengxi New Town,<br>Xixian New Area,Xi'an City, Shaanxi Province,China.<br>Tel: +86-29-8868 5333<br>Fax: +86-29-8868 0913 |  | Order.- No.                                                                           |      |
|  | 2014-02-18 |  |  |                                                                                                                                                                                                                                                                         |  | FKS749197141                                                                          |      |
|  |            |  |  |                                                                                                                                                                                                                                                                         |  |  | SIZE |
|  |            |  |  |                                                                                                                                                                                                                                                                         |  |                                                                                       | A4   |
|  | DATE       |  |  |                                                                                                                                                                                                                                                                         |  | Size: ETD29                                                                           |      |

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 Electronics

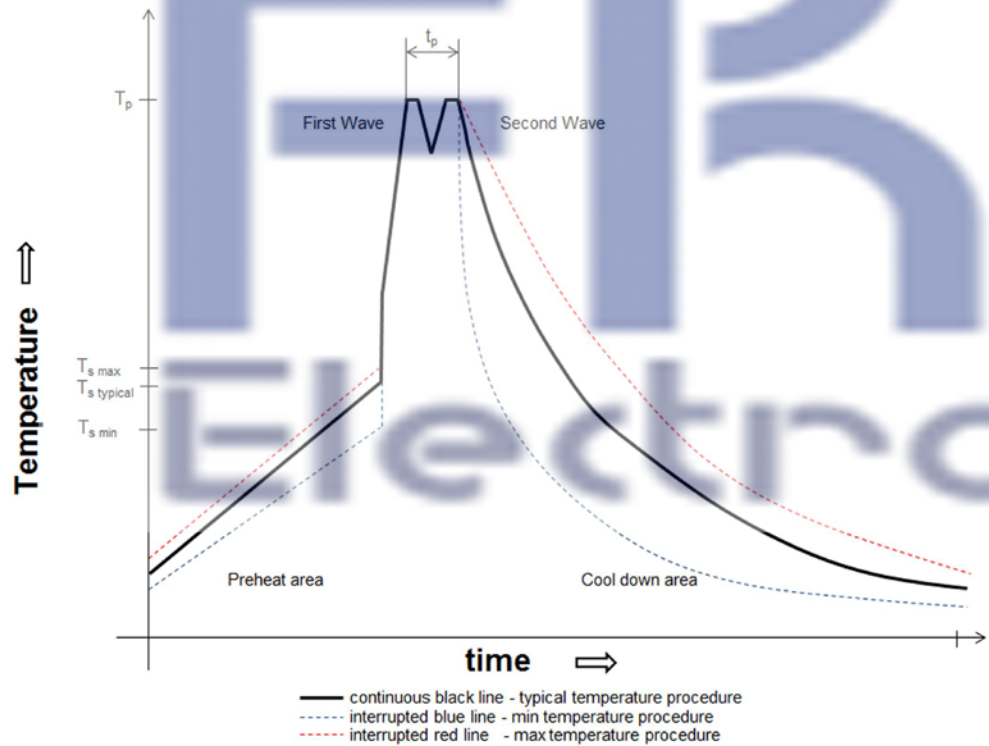


H Soldering Specifications:

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H4: Classification Wave Soldering Profile:



H5: Classification Wave Profile

| Profile Feature                                                                                                                                                                                                                                                                                       | Pb-Free Assembly                           | Sn-Pb Assembly                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Preheat <ul style="list-style-type: none"><li>- Temperature Min (<math>T_{smin}</math>)</li><li>- Temperature Typical (<math>T_{stypical}</math>)</li><li>- Temperature Max (<math>T_{smax}</math>)</li><li>- Time (<math>t_s</math>) from (<math>T_{smin}</math> to <math>T_{smax}</math>)</li></ul> | 100°C<br>120°C<br>130°C<br>70 seconds      | 100°C<br>120°C<br>130°C<br>70 seconds      |
| $\Delta$ preheat to max Temperature                                                                                                                                                                                                                                                                   | 150°C max.                                 | 150°C max.                                 |
| Peak temperature ( $T_p$ )                                                                                                                                                                                                                                                                            | 250°C - 260°C                              | 235°C - 260°C                              |
| Time of actual peak temperature ( $t_p$ )                                                                                                                                                                                                                                                             | max. 10 seconds<br>max. 5 second each wave | max. 10 seconds<br>max. 5 second each wave |
| Ramp-down rate <ul style="list-style-type: none"><li>- Min</li><li>- Typical</li><li>- Max</li></ul>                                                                                                                                                                                                  | ~ 2 K/s<br>~ 3.5 K/s<br>~ 5 K/s            | ~ 2 K/s<br>~ 3.5 K/s<br>~ 5 K/s            |
| Time 25°C to 25°C                                                                                                                                                                                                                                                                                     | 4 minutes                                  | 4 minutes                                  |

refer to EN 61760-1:2006

|  |  |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                         |
|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------|
|  |  |  |  | Projection<br>                                                                                                                                                                                                                                                          | DESCRIPTION<br><br><b>Flexible Transformer for DC/DC Converter</b> |                         |
|  |  |  |  |                                                                                                                                                                                                                                                                         |                                                                    |                         |
|  |  |  |  | Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.<br>FKS(Xi'an) Electronic Technology Co.,Ltd.<br>Address: B1 Building,Western Cloud Valley,Fengxi New Town,<br>Xixian New Area,Xi'an City, Shaanxi Province,China.<br>Tel: +86-29-8868 5333<br>Fax: +86-29-8868 0913 | Order.- No.<br><br>FKS749197141                                    | COMPLIANT<br>RoHS&REACH |
|  |  |  |  |                                                                                                                                                                                                                                                                         | Size: ETD29                                                        | SIZE<br>A4              |
|  |  |  |  | DATE                                                                                                                                                                                                                                                                    |                                                                    |                         |