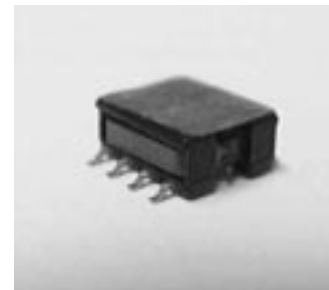


TEW5660 is a surface mount transformer, designed to comply with the requirements of an input/output transformer in the ISDN S-Bus Interface.

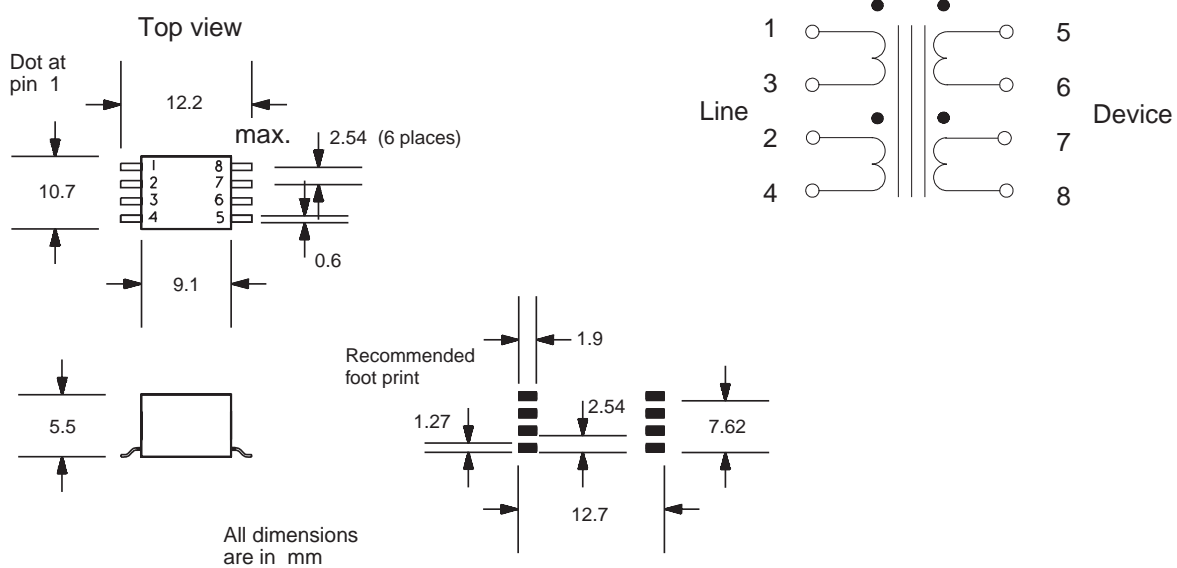
TEW5660 complies with the requirements of CCITT I.430.

It has been designed and approved for the following devices:

| | | |
|-----------|----------|--|
| TEW5660 | AMD | 79C30A |
| | Mitel | MT8930A, - B, - C MT8931B, - C |
| | National | TP3420 |
| | Siemens | PEB2080 PEB2081 PEB2085 PEB2086 |
| | Cologne | HFC-SP |
| TEW5660-1 | Intel | 29C53 |
| TEW5660-2 | Motorola | MC145474 MC145475 |



MECHANICAL



ELECTRICAL SPECIFICATION

| ELECTRICAL SPECIFICATION | | | TEW5660 | TEW5660-1 | TEW5660-2 |
|--------------------------|--------|-------------------|---|-----------|-----------|
| DCR | (Ohms) | (1 - 4) | 6.4 | 6.4 | 6.4 |
| | | (5 - 8) | 16.3 | 14.6 | 6.6 |
| Inductance | (mH) | (1 - 4) | > 22 | > 22 | >22 |
| Leakage Ind. | (μH) | (1 - 4) | < 12 | < 12 | < 12 |
| Turns Ratio | | (1 - 4) : (5 - 8) | 1 : 2 | 1 : 1.8 | 1 : 1 |
| Longitudinal Bal. * | (dB) | 10 - 300 KHz | > 65 | > 65 | >65 |
| Input/Output Impedance | | | Conforms to the impedance mask in I.430 | | |
| Pulse Shape | | | Conforms to the pulse mask in I.430 | | |
| Dielectric Strength | (Vrms) | | 1500 | 1500 | 1500 |

* Does not meet the I.430 L.C.L. requirements with the Mitel devices.

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