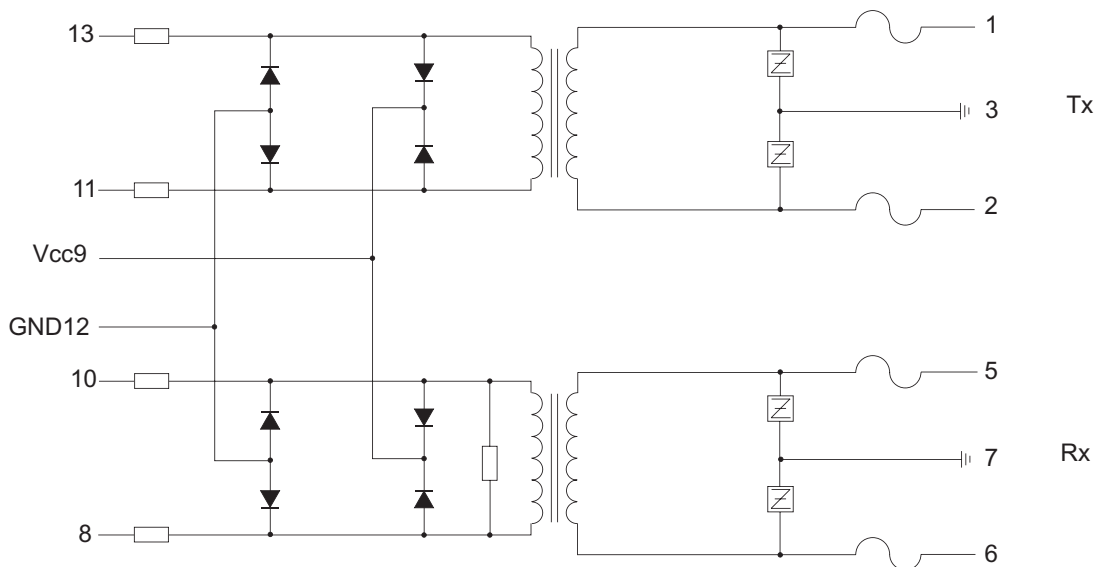


“Slim Line” Hybrids for Infineon T1/E1/J1 IC’s APC822XX-I

FEATURES

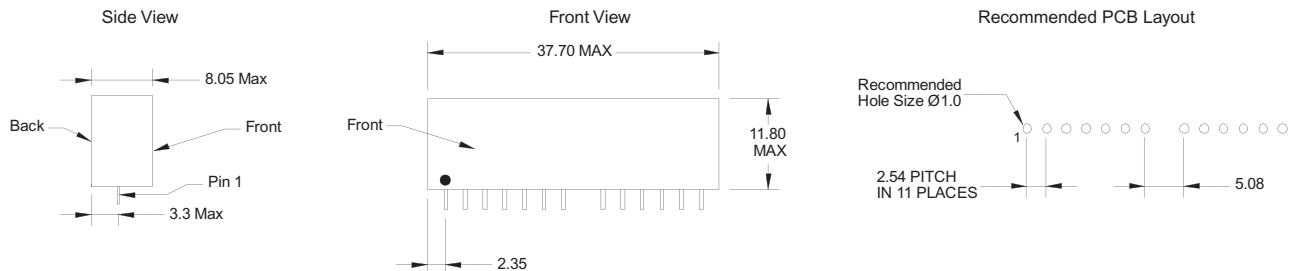
- Supports Falc and Quad Falc Chipsets for T1/E1/J1 applications including numbers PEB2256, PEB22504
- Minimum board space requirement - ideal for multiple interface line cards
- Telcordia Technologies and FCC compliant
- UL1950. Approval pending for EN60950 / IEC60950
- APC’s “Slim Line” T1/E1/J1 hybrids have been designed to minimize the board space requirements for line interface circuitry on the T1/E1/J1 multichannel line cards

SCHEMATIC



NOTE: SCHEMATIC SHOWN PROVIDES LONGITUDINAL PROTECTION. FOR METALLIC PROTECTION, CONNECT 1 - 3 (2 N/C) AND 5 - 7 (6 N/C)

MECHANICAL

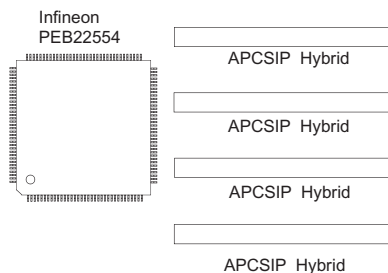


NOTE: ALL DIMENSIONS IN MM

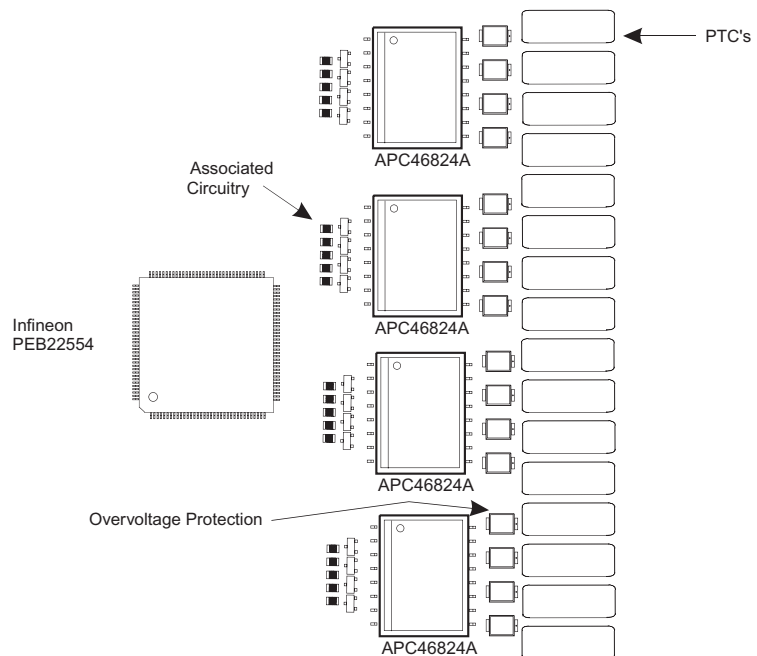
PRODUCT RANGE AND APPLICATIONS

Single T1/E1 Hybrid (SIP)								
APC...	Infineon Chip			Application	Voltage	Protection	Tx T/R	Rx T/R
82201	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	E1(120 ohm)	3.3V	Metallic	2.4	1.0
82202	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	E1(120 ohm)	3.3V	Longitudinal	2.4	1.0
82207	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	T1/J1 (100 ohm)	3.3V	Metallic	2.4	1.0
82208	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	T1/J1 (100 ohm)	3.3V	Longitudinal	2.4	1.0
82237	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	Generic T1/E1/J1	3.3V	Metallic	2.4	1.0
82238	PEB2256 (Falc56)	PEB22504 (QuadLIU)	PEB22554 (QuadFalc)	Generic T1/E1/J1	3.3V	Longitudinal	2.4	1.0

HYBRID V DISCRETE SOLUTIONS



APC's SIP Hybrid Solution.



Discrete Solution, as per example layout

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CORPORATE

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Stewart Connector
45/46 Riverside
Medway City Estate
Rochester, Kent ME2 4DP U.K.
Tel 44-1634-722890
Fax 44-1634-716677
www.belfuse.com