

# ISDN S Interface Hybrid

APC5568-3v

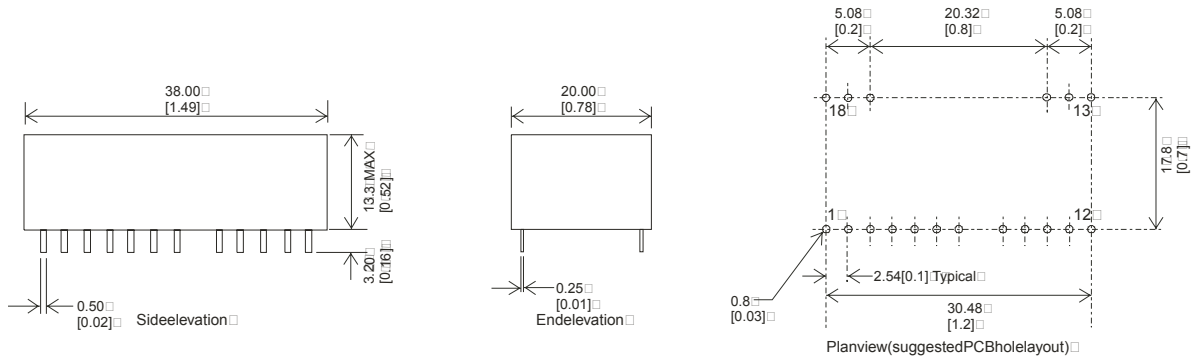
- Operating temperature range 0° to +70° C
- Storage temperature range -55° to +120° C

## ELECTRICAL SPECIFICATIONS @ 25°C

| Turns Ratio<br>+/-5% | Primary Inductance<br>mH min | Leakage Inductance<br>uH max | Primary DCR<br>OHMS<br>+/- 30% | Secondary DCR<br>OHMS<br>+/- 30% | Choke                         |                      |
|----------------------|------------------------------|------------------------------|--------------------------------|----------------------------------|-------------------------------|----------------------|
|                      |                              |                              |                                |                                  | Inductance per line<br>mH nom | DCR per line<br>OHMS |
| 1CT:2                | 22                           | 5.0                          | 2.2                            | 2.8                              | 0.04                          | 0.5                  |

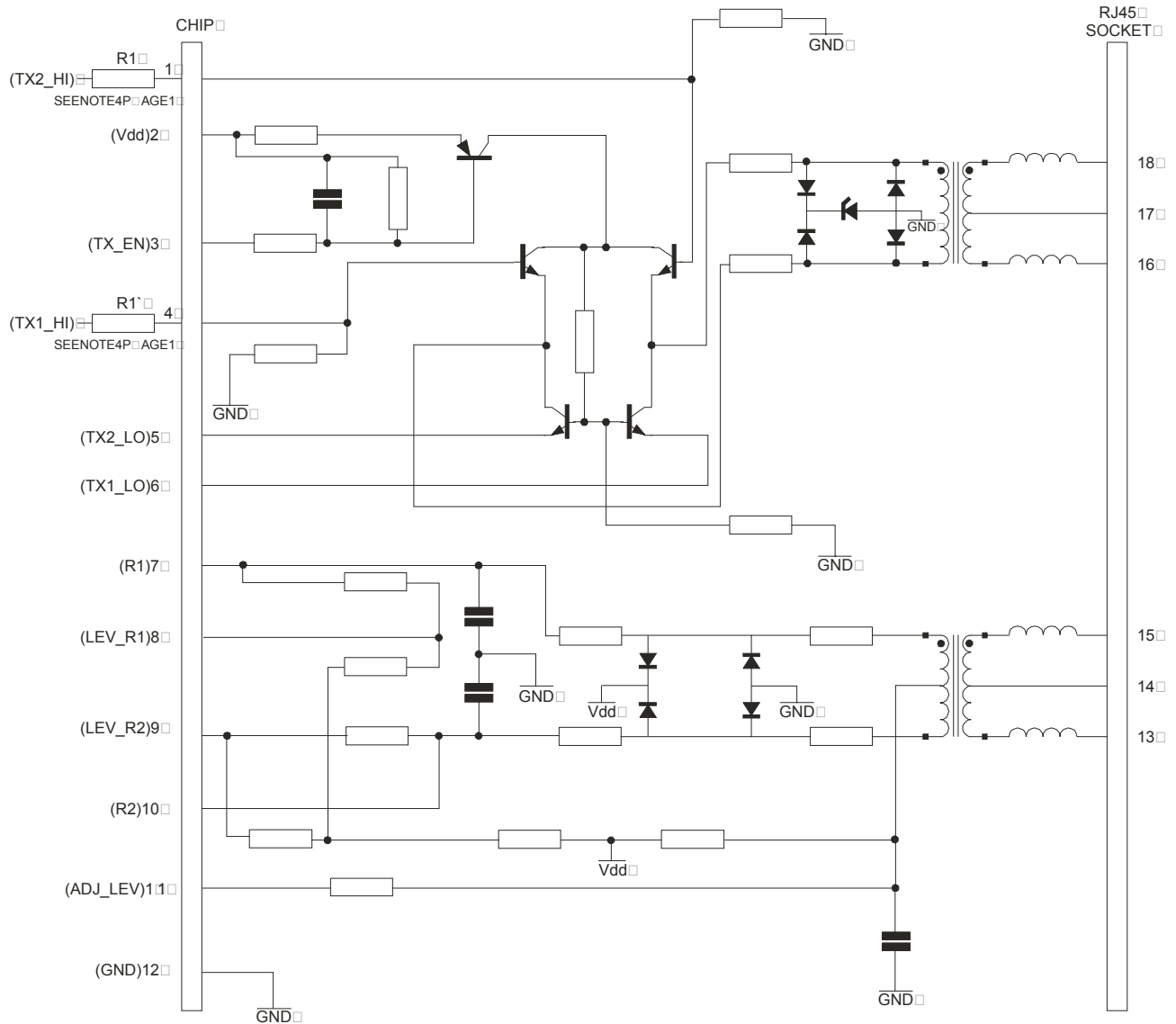
NOTES: ISOLATION PRI:SEC 1500VRMS  
 APPROVALS PENDING FOR IEC6950:A4:1996 AND EN60950:A4:1997  
 DESIGNED FOR USE WITH MOTOROLA MC145575 AND COLOGNE HFC-SXX  
 EXTERNAL RESISTORS R1 AND R1' REQUIRED FOR AMPLITUDE OPTIMIZATION. RECOMMENDED VALUE 560 OHMS

## MECHANICAL



NOTES: NOT TO SCALE  
 TOLERANCE +/- 0.2MM  
 ALL DIMENSIONS IN MM [INCHES]  
 DOT ON TOP SURFACE INDICATES PIN 1

#### SCHEMATIC



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