



Chameleon is the new industry leading High Speed/High Density Array for Telecom & DataCom, Medical Imaging, Industrial Control, Test and other various applications.

Feature

Advantage & Benefit

| | | |
|-------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------|
| Speed Performance 25Gbps | > | <i>Allows maximum bandwidth while maintaining signal integrity</i> |
| High pair count 16-150 Differential Pair and high density (0.07cm ² /pr) | > | <i>Unmatched density still yields superior SI performance with use of patented lossy dielectric</i> |
| & stack height 6-15mm | > | <i>Accessibility to Low Profile Applications with high speed requirements</i> |
| Pin Field Flexibility | > | <i>Differential pair, single ended and Power configurations customized to match customer system requirements</i> |
| Impedance 50Ω SE and 100Ω for differential signals | > | <i>Low return loss (-40dB)</i> |
| BGA Terminations | > | <i>Low cost, high reliability and time proven acceptance</i> |
| Application variety | > | <i>Board to Board in Telecom & DataCom, Medical Imaging, Industrial Control and Test</i> |
| End block guidance/locating keys | > | <i>Blind mating as needed for Mezzanine applications</i> |
| Available power section with specific configurations | > | <i>2.5A/contact</i> |