

Nexus Interface Solutions Europe

Services and Products

Services:

Our Head Office is based in South West UK and we provide the following services:

- Design support with concept solutions and design guides
- Rapid prototyping facilities for concept selection
- Design for Manufacturing (DFM) to suit manufacturing tolerances and capabilities
- New Product Introduction services to take products from concept to high volume manufacturing
- Volume manufacturing plants in Asia (China, Malaysia and Singapore) + selected partner network in Europe
- We have a wealth of design experience including DFM for the following customers: Sony Ericsson, Alcatel, Panasonic, NEC, Nokia, IBM, HP and Fujitsu.

Product solutions:

Custom Plastic Moulding

- Custom thermoplastic injection moulding design and production
- Rapid prototyping from Europe or Asia
- High quality fully hardened steel tools to suit project volumes and budgets
- Decoration options include: spray finish, tampon/screen print, metallisation, foil co-molding
- Product examples: display windows, casings, components, single shot and two shot moldings, gaskets and seals



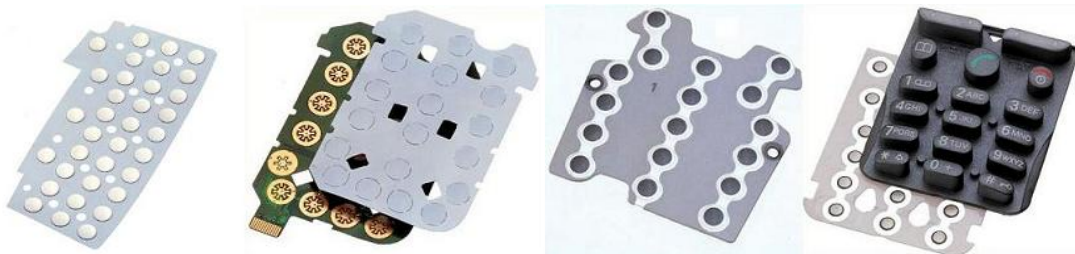
Keymats

- Interface products for industrial, telecoms and automotive applications
- Silicon Keymats, Silicon Keymats with Plastic Keytops and IMD Keymats.
- Full decoration options inc abrasion resistant coatings available
- Rapid prototyping and full production capabilities
- Can be integrated to:
 - Dome arrays
 - Full backlit module with EL lamps
 - Flexible printed circuits



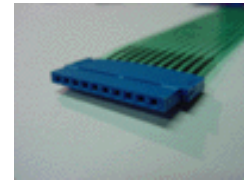
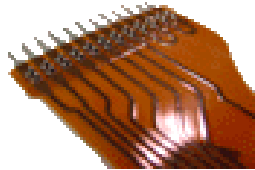
Dome Arrays

- Metal or polyester dome arrays
- Custom designed to suit application requirements
- Range of standard trip forces and diameters available
- Can be integrated to:
 - Keymat to form assembly
 - PCB or flexible PCB
 - Full backlit module with EL lamps



Flexible printed Circuits

- Single-sided flex
- Double-sided flex
- Multi-layer flex
- Rigid-flex
- Pin-through-hole component assembly
- SMT component assembly (Pick and Place)



Assemblies

- Combined rubber and plastic keypads
- Combined keypad and dome assemblies
- Combined keypad, dome and circuit board/backlighting
- Integrated sub-assembly modules

