

Series 31 Minimodul™
Cable-to-board connections, 2.5 mm pitch



Lumberg's 2.5 mm pitch connector system for cable-to-board and board to board connections
For single leads and flat cables

Lumberg's Minimodul™ series of connectors is for flat or single lead cables, offering plugs and solder-in crimp connectors using Insulation displacement technology (IDT), and tab headers for THT (through-hole) and SMT (surface mount) soldering. For signal and low load currents up to 1.2 amps, with a pitch of 1.27mm or 0.050".

Features:

- Pitch 2.5 mm (.098").
- For signal and low load currents up to 5 A.
- 2 to 20 poles
- 8-55 mm length

Applications:

- Frequency Converter
- Servo Controller for brushless DC motors
- Telephone display
- Industrial camera module
- Dialysis Electronics module

Upright Minimodul™ pin headers	
Single Row PCB contacts	Two rows of PCB contacts, staggered
• 2,5 MSF/O • 2,5 MSF with latch	• 2,5 MSFQ/O (obsolete) • 2,5 MSFQ with latch

Angular Minimodul™ pin headers
Single-row PCB contacts
2,5 MSFW/O 2,5 MSFW with latch

Pin Variants

- 3111 03 cable cross-section 0.3 – 0.6 mm²
- 3111 01 cable cross-section 0.14 – 0.25 mm²

		
3114 Empty Minimodul™ housing	2,5 MSF/O Pin header	3111 03 crimp contact

Part Numbers

DK Part #	Mfr Part #
5405-311402VP15-ND	3114 02 VP15
5405-311403VP15-ND	3114 03 VP15
5405-311404VP15-ND	3114 04 VP15
5405-311405VP15-ND	3114 05 VP15
5405-311406VP15-ND	3114 06 VP15
5405-311407VP15-ND	3114 07 VP15
5405-311408VP15-ND	3114 08 VP 15
5405-311409VP15-ND	3114 09 VP15
5405-311410VP15-ND	3114 10 VP15

5405-2,5MSF/O02-ND	2,5 MSF/O 02
5405-2,5MSF02-ND	2,5 MSF 02
5405-2,5MSF/O03-ND	2,5 MSF/O 03
5405-2,5MSF03-ND	2,5 MSF 03
5405-2,5MSF/O04-ND	2,5 MSF/O 04
5405-2,5MSF04-ND	2,5 MSF 04
5405-2,5MSF/O05-ND	2,5 MSF/O 05
5405-2,5MSF05-ND	2,5 MSF 05
5405-2,5MSF06-ND	2,5 MSF 06
5405-2,5MSF/O06-ND	2,5 MSF/O 06
5405-2,5MSF07-ND	2,5 MSF 07
5405-2,5MSF/O07-ND	2,5 MSF/O 07
5405-2,5MSF08-ND	2,5 MSF 08
5405-2,5MSF/O08-ND	2,5 MSF/O 08
5405-2,5MSF09-ND	2,5 MSF 09
5405-2,5MSF10-ND	2,5 MSF 10
5405-2,5MSF/O10-ND	2,5 MSF/O 10

5405-311101GTR-ND - Tape & Reel (TR)	
5405-311101GCT-ND - Cut Tape (CT)	
5405-311101GDKR-ND - Digi-Reel®	3111 01 G
5405-311103GTR-ND - Tape & Reel (TR)	
5405-311103GCT-ND - Cut Tape (CT)	
5405-311103GDKR-ND - Digi-Reel®	3111 03 G