

Metering and Measurement – Why Harwin?

Even if your product is located in a stable, air-conditioned environment, **quality is still a necessity, and product failure is unacceptable.** Many monitoring systems are crucial for continued production, ongoing operations, or even in the handling of human lives.

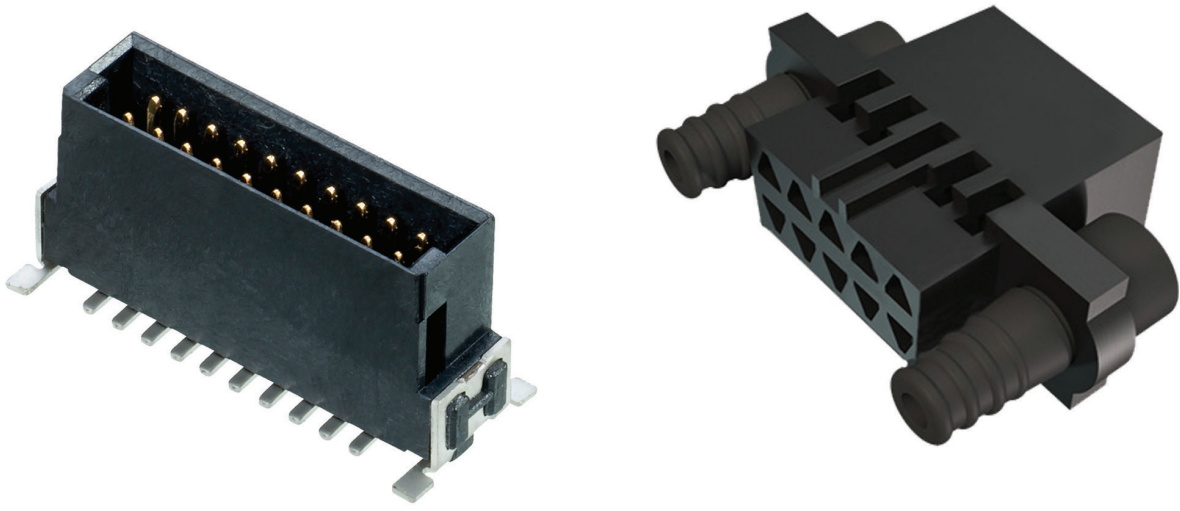
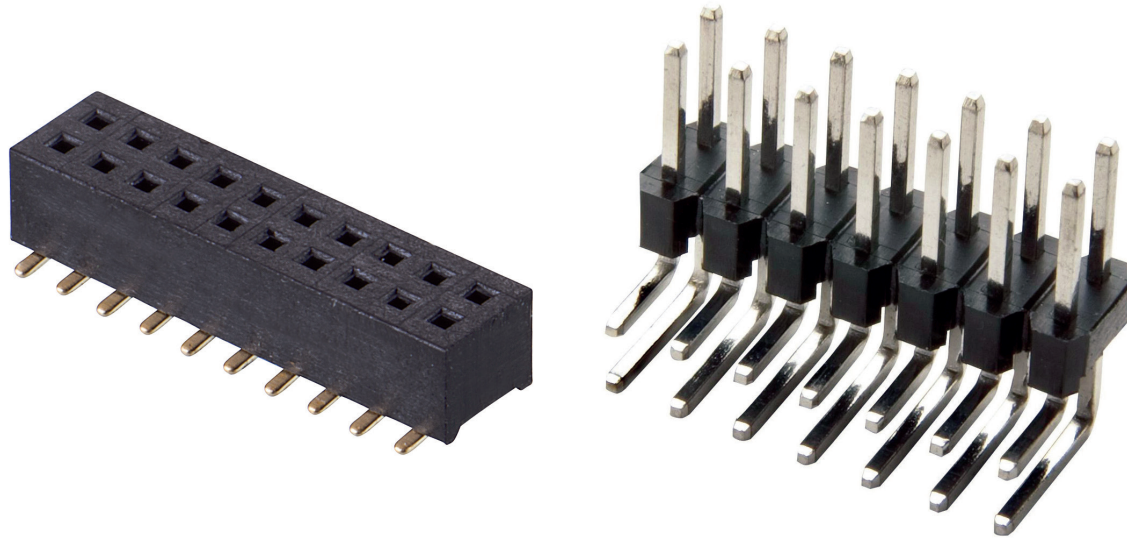

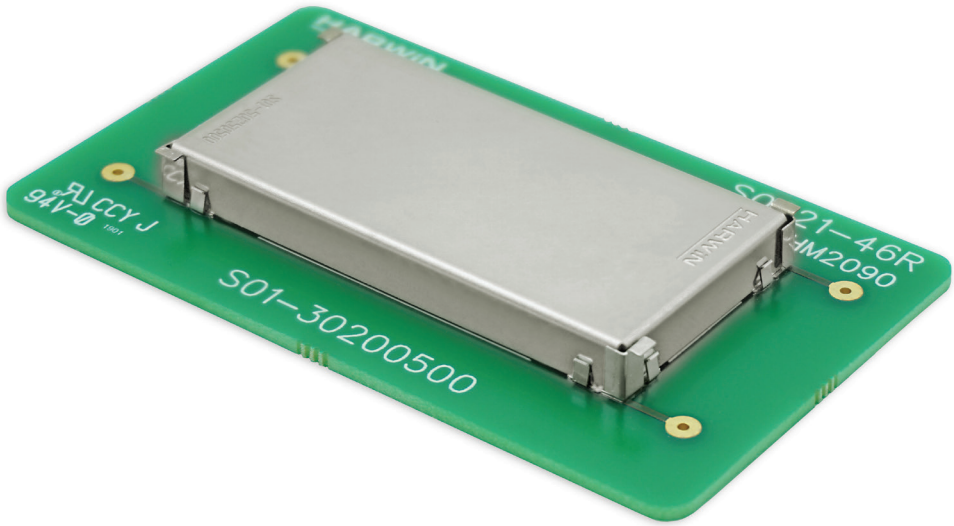


Harwin are certified to EN9100D / AS9100D, and bring a continuing quality assurance in product manufacturing and performance. You can be confident in the supply and service that Harwin adds to its quality product.

HARWIN

Typical Metering & Measurement Applications



- Security & CCTV systems, infra-red and visible light cameras
- Heat and gas sensor units, fire detection
- Wireless modules and IOT datacomms
- Patient monitoring, full body scanning, robotic surgery
- Smart meters, flow regulation systems, handheld test equipment

Durable Industrial Connectors		PCB Connectors		Spring Contacts	
					
Archer Kontrol, M225		Archer, M20, M22, M30, M40		SMT Contacts & Pads, Pogo Pins	
<ul style="list-style-type: none"> • 1.2A (Archer Kontrol) or 3A (M225) per contact • Board-to-board variable height from 8-20mm 	<ul style="list-style-type: none"> • Polarized and shrouded; ready-made cables • 3Gbits/s data rate (Archer Kontrol) 	<ul style="list-style-type: none"> • 1mm to 2.54mm pitch • Board-to-board and board-to-cable variations 	<ul style="list-style-type: none"> • 0.5A to 3A per contact (pitch dependent) • Cost-effective solutions stocked in depth 	<ul style="list-style-type: none"> • Free heights from 1.23mm to 8.20mm • Working heights from 0.90mm to 7.10mm 	<ul style="list-style-type: none"> • High mating durability - 1K to 10K min cycles • 1A to 9A max (design dependent)
EMC Shielding		PCB Sockets		PCB Hardware	
					
<ul style="list-style-type: none"> • SMT Clips and removable Nickel Silver Cans • 0.15/0.2/0.3mm thick cans ideal for high frequency 	<ul style="list-style-type: none"> • Clips available in corner and very low profile • Easy for rework and maintenance 	<ul style="list-style-type: none"> • 2A to 20A options; 2, 3, 4 and 6 beam contacts • SMT and Throughboard variations 	<ul style="list-style-type: none"> • Mating pin sizes Ø0.46mm to Ø2.30mm • Hi-Rel contact design on Two-piece sockets 	<ul style="list-style-type: none"> • SMT Test Points & Cable management clips • Coin Cell Holders 	<ul style="list-style-type: none"> • Fixed & Removable Jumper links • Terminals & Spacers/Pillars/Standoffs