



## HQ-4/4/6 HYBRID INSERT WITH CAT5 ETHERNET

TE Connectivity (TE) HDC introduce HQ insert with hybrid design, the Hybrid Insert involves power, signal and Ethernet data transmission function. The ethernet data modula with EMC shielding provides for high quality data with CAT5 speed. The latest solution helps enable connection reliability and higher accuracy.

### BENEFITS

- Compact design provide space saving
- High reliability
- High data accuracy with EMC shielding
- Hybrid power and signal integration enables one cable solution with cost efficiency

### KEY FEATURE

- Power, Signal and Data Hybrid
- EMC Shielding
- Ethernet module with Cat5
- Compatible with standard H3A hood & housing

# HQ-4/4/6 Hybrid Insert With Cat5 Ethernet

## APPLICATIONS

- Cobot
- Robotic
- Production line

## SPECIFICATIONS

- Product specification: 108-137683
- Application specification: 114-137683
- Qualification test report: 501-137683

## ELECTRICAL

- Power: 20A/600V \* 4 pins
- Signal: 10A/250V\*4 pins
- Data: 1.2A/30V Cat5 \* 6 pins

## MECHANICAL

- Upto 500 operation cycles
- Vibration and shocks meet category 1, Class B

## MATERIALS

- Insulation: Thermoplastic
- Contact: Brass alloy  
Shielding shell: Brass alloy
- Sealing: Elastomer

## STANDARDS

- IEC / EN 61984
- UL 1977
- EN 61373

## PART NUMBER LIST

Part Number	Part Description
T2080142101-100	606 ETHERNET ELEMENT CAT5, 6 PIN, E-TYPE
T2080142101-000	HQ 4/4/6 HYBRID MALE INSERT ASSY
T2080142201-000	HQ 4/4/6 HYBRID FEMALE INSERT ASSY
T2080142201-100	606 ETHERNET ELEMENT CAT5, 6 PIN, P-TYPE
T2400011002-000	ETHERNET CONTACT PIN 0.6MM, GOLD PLATED
T2400012002-000	ETHERNET CONTACT SOCKET 0.6MM, GOLD PLATED

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