



HDC HMN EMC MODULE INSERT

TE Connectivity (TE) EMC Shielding Modular Insert is designed to provide EMC protection solutions in modular systems.

The existing solution needs two connectors to transition power and signal separately, with new HMN shielding modular insert. Which enables the customer to combine signal and power in one modular system. This is also beneficial for our customer helping to save space, reduce the cost and avoid additional power noise.

BENEFITS

- Ensure signal performance together with power
- Size reduction for signal transmission solution
- Reduce the operation cycle time. Improve the operation efficiency

FEATURE

- EMC shielding
- Large position (32P) per module
- Small quantity components design
- Reliable HDC dynamic contact

HDC HMN EMC Module Insert

APPLICATIONS

- Semi conductor
- Machinery
- Robotic
- Wind power
- Warehouse automation

MATERIALS

- As specified on the product drawing

MECHANICAL

- Acc. to EN 61984 connectors. Safety requirements and tests

ELECTRICAL

- 2.2A 32V 0.8KV 3
- EMC Shielding

STANDARD

- **EN 61984:** Connectors - safety requirements and tests
- **IEC 60068:** Environmental testing
- **IEC 60512:** Connectors for electronic equipment - test and measurements
- **IEC 60529:** Degrees of protection provided by enclosures (IP Code)
- **IEC 60664-1:** Insulation coordination for equipment within low-voltage systems (Part 1)
- **EN 61373:** Railway application - rolling stock equipment - shock and vibration test
- **ISO 6988:** Metallic and other non-organic coatings - sulfur dioxide test with general condensation of moisture

SPECIFICATIONS

- [108-137507](#)

PART NUMBER LIST

Part number	Part description
T2111322101-000	HMN-HD1-32-M,8.45
T2111322201-000	HMN-HD1-32-F,8.45
T2111322101-001	HMN-HD1-32-M,12.2
T2111322201-001	HMN-HD1-32-F,12.2

Contact Size (Insulation range (mm))	Applicable Contact	
	Tab	Receptacle
	Part Number	Part Number
S (0.6-1.2)	2316663-1 : Reel 2316669-1 : L/P	2316670-1 : Reel 2316671-1 : L/P
M (1.08-1.6)	2316663-2 : Reel 2316669-2 : L/P	2316670-2 : Reel 2316671-2 : L/P

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