

This specification covers the conditions of use, mechanical and electrical performances of Tyco Electronics 26 way MQS straight headers.

1. DESCRIPTION

Housing : Material : 20 % glass reinforced PBT.

Coding : mechanical and visual (colors).

PCB mounting : ears for rivets or screws.

Polarization on the PCB.

Contacts: Dimension : 0,63 x 0,63 mm.

Material : bronze.

Plating : pre tin plated or post plating - selective gold plated over nickel on contact area.
- selective tin plated over nickel on soldered area.

2. REFERENCE DOCUMENT

P/N	Interface specification	Pcb interface
X-185226-X	208-15550	See customer drawing

3. CONDITIONS OF USE

- Temperature
 - operating of temperature : - 40°C / + 85°C
 - test temperature : - 40°C / + 100°C
- Nominal voltage : 12V
- Sealing : not applicable.

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Date : 30 May 1997

4. TEST

Tests are carried according to IEC 512 series.

TEST	REF.	TEST CONDITIONS	REQUIREMENTS
General examination			
Visual examination	1a		No defect that would impair normal operation
Electrical test			
Insulation resistance	3a	Voltage : 100 V Method A : test between one contact and the others	$R_i \geq 50M\Omega$
Dielectric withstanding voltage	4a	Voltage : 1000 V AC during 1 min. A.C.	No breakdown or flashover
Mechanical test			
Free fall	Ed	Fall from 1 meter height on hard concrete	No damage
Contact retention in the housing	15a	Applied a axial force of 25 N	No damage
Soldering heat test		Heat the connector at 160°C for 3 min	No visible damage
Keying on the pcb		Applied force 50 N	Will not fit the PCB
Polarization on the pcb	13c	Applied force 50 N	Will not fit the PCB