
12 WAY MQS STRAIGHT HEADER TO BE SOLDERED ON PRINTED CIRCUIT BOARD

This specification covers the conditions of use, mechanical and electrical performances of AMP 12 way MQS straight headers.

I. DESCRIPTION

Housing : Material : 20 % glass reinforced PBT.
Coding : mechanical and visual (colors).

Contacts: Dimension : 0,63 x 0,63 mm.
Material : bronze.
Post Plating : tin plated.

II. REFERENCE DOCUMENT

DESIGNATION	P/N	INTERFACE SPECIFICATION
12 W MQS header	X-185526-X	208-15519

III. 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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Approved by

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Date : 30 July 1999

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IV. 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 TESTS			
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 TESTS			
CONTACT RETENTION IN THE HOUSING	15a	Applied an axial force of 25 N	No damage
SOLDERING HEAT TEST		Heat the connector at 160° C for 3 min	No visible damage