

DELTA CONNETOR SPECIFICATION

SCOPE : This specification details the requirements for a multipurpose socket connector having .0545" (1,384 mm)x .112" (2,84 mm) contact spacing transition between round conductor flat cable on .050" (1,27 mm) centers and a plug connector having similar spacing

UL FILE NO. : E 68080
CSA FILE NO.: LR 40971

SPECIFICATIONS:

PHYSICAL

INSULATOR MATERIAL

Glass reinforced polyester
Flammability rating:UL 94V-0

COLOR

Grey

MARKING

Raised figures; 3M logo; part
identification/date code
number;contact position number

SHELL MATERIAL

Steel

PLATING

Tin

CONTACT MATERIAL

Copper alloy

PLATING

Selective gold in functionel area
over nickel

WIRE ACCOMMODATION

26 AWG solid or stranded
28 AWG solid or stranded

THREADED INSERT PUSH OUT FORCE

50 N min

ELECTRICAL

CURRENT RATING

1A

INSULATING RESISTANCE

$>1 \times 10^9 \Omega$ @ 500 vdc

WITHSTANDING VOLTAGE

1000 VRMS @ Sea Level

ENVIRONMENTAL

TEMPERATURE RATING

-67 °F to +221 °F
(-55 °C to +105 °C)

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