



# 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:

<u>PHYSICAL</u>	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 functional area over nickel
	WIRE ACCOMMODATION	26 AWG solid or stranded 28 AWG solid or stranded
	THREADED INSERT PUSH OUT FORCE	50 N min
<u>ELECTRICAL</u>	CURRENT RATING	1A
	INSULATING RESISTANCE	$>1 \times 10^9 \Omega$ @ 500 vdc
	WITHSTANDING VOLTAGE	1000 VRMS @ Sea Level
<u>ENVIRONMENTAL</u>	TEMPERATURE RATING	-67 °F to +221 °F (-55 °C to +105 °C)

CS 4224 Sheet 2/2 Issue B