

and Report

7. The factory assembled contacts have been investigated for the following wire ranges and maximum tensile forces.

<u>Part Nos.</u>	<u>Wire Range Tensile Force</u>	
171636, 171637, 171638, 171639	20 AWG	8 lb
171636, 171637, 171638, 171639	16 AWG	20 lb

8. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.

9. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a maximum temperature of 105°C.

10. The following devices have been subjected to the Temperature test with the rated currents and maximum temperature rise values tabulated below.

Cat. No.	Contact Part No.	Wire Size, AWG	Current, A	Maximum Temp Rise (°C)	Maximum Temp (°C)
1903747-1	171636	16	5	4.4	29.4
1903747-1	171636	20	2	1.8	26.8
770847-1	171637	16	5	5.9	30.9
770847-1	171637	20	2	2.0	27.0

Mating Connectors

11. These devices have only been assessed for use with specific types of mating connectors by TE as tabulated below. They have not been assessed to operate with any other similar devices from any other manufacturer.

Cat. No.	Mating connector Cat. No.
1903747-1	172343-1
770847-1	172234-1