



PRODUCT SPECIFICATION

MINI-FIT JR. STRAIN RELIEF

1.0 SCOPE

This Product Specification covers performance requirements for the MINI-FIT JR. STRAIN RELIEF for use with MINI-FIT JR. receptacle and plug housings without mounting ears.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBER (S)

PRODUCT NAME

Strain Relief Shell
Receptacle Housing
Plug Housing

PART NUMBER

41995-**
5557-****
5559-**P1-*

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, platings and markings.

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications

4.0 PERFORMANCE

4.1 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Connector Housing Retention	Assemble connector housing into strain relief shell. Mount wire-exit end of shell into fixture and apply a force to the connector housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute until failure.	124 N (28 lbf) MINIMUM retention force
2	Axial Wire Retention	Assemble fully loaded connector housing into strain relief shell. Tighten tie-strap around wire bundle to 30 lb. tension. Secure strain relief shell in fixture. Pull wire bundle at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute until slippage is observed.	41995-2* = 111 N (25 lbf) Min. 41995-4* = 111 N (25 lbf) Min. 41995-6* = 111 N (25 lbf) Min. 41995-8* = 111 N (25 lbf) Min. 41995-12* = 155 N (35 lbf) Min

5.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

REVISION: B	ECR/ECN INFORMATION: EC No: UCR2000-0382 DATE: 2001 / 09 / 12	TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. STRAIN RELIEF	SHEET No. 1 of 1
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