

FUSE Mold

Under development
Mass production available in 2028

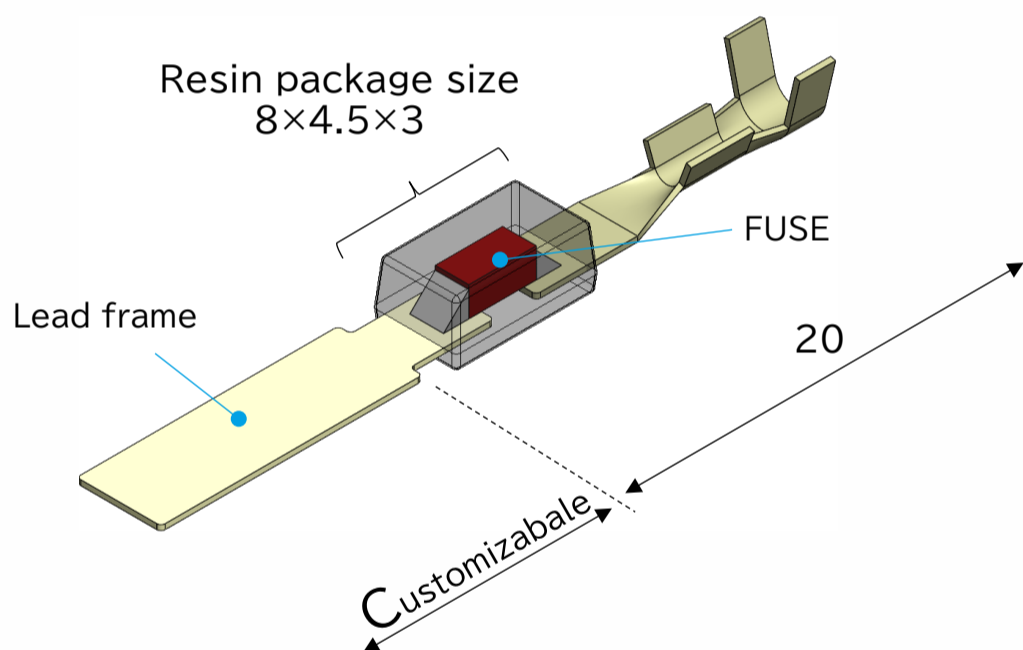
- Disconnects and protects the circuit when abnormal battery current occurs
- FUSE can be installed without FPC or PCB

背景・課題

- Overcurrent control is required for each cell
- Design must fit within the limited battery space

課題への解決・特徴

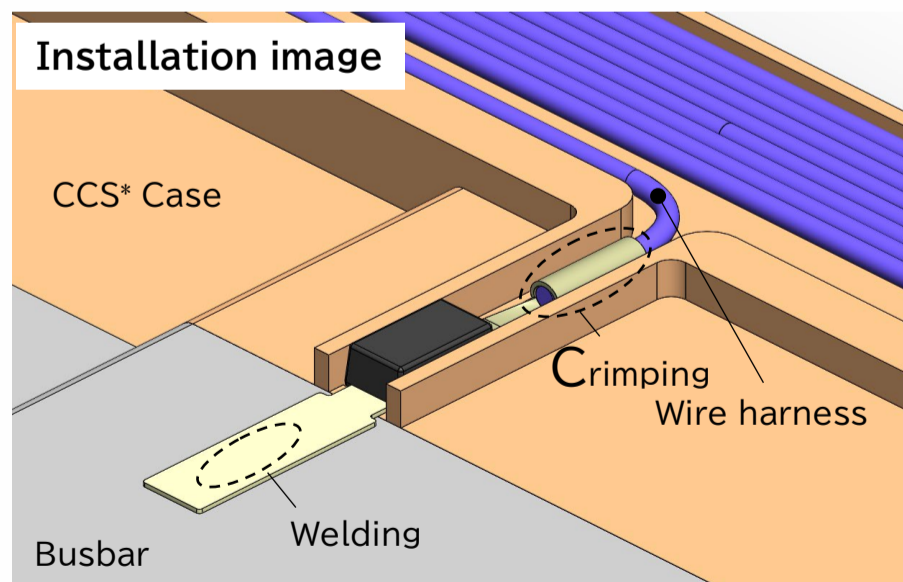
1 Chip FUSE in one package (transfer molding)



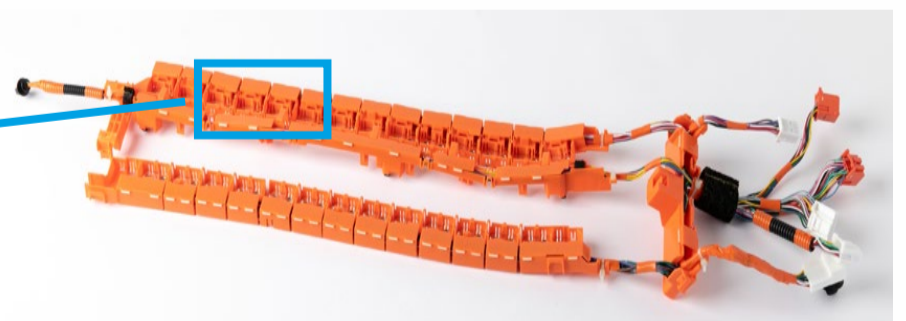
Basic characteristics

Operating temperature range		-40°C to 65°C
FUSE characteristics	Rated voltage	125V DC
	Rated current	1.6A
	Fusing characteristics	Max. 1 min (Current 250%)
Applicable wire		CIVUS 0.35sq
Lead frame material/ Surface plating		Cu material/Sn plating

2 Enables flexible routing using wire harnesses



CCS* Wire type



* CCS: Cell Contacting System

Flexible options for various applications, and custom design such as changes of built-in elements available upon consultation