

One-Step CPA (Connector Positioning Assurance)

PURPOSE / OBJECTIVE

Development of compact sealed & unsealed connector, with go-no go feature for assurance of full connector mating.

FEATURES / BENEFITS

- 1) TPA to prevent partial insertion of terminal
- 2) One step CPA connector with spring type lock
- 3) Male terminal size (ISO standard): 1.00 x 0.64
- 4) More reliable connection using go-no go feature



SPECIFICATIONS

	040-III (Sealed)	040-III (Unsealed)
Male terminal size (WxT)	1.00 mm x 0.64 mm	
Terminal pitch	4.2 mm(Horizontal)	2.5 mm(Horizontal)
Male terminal material	Brass : Gold plating (Tin plating)	
Female terminal material	Copper alloy : Gold plating (Tin plating)	
Housing material	HPA	
Slider material	HPA	
Holder material	HPA	---
Spacer material	---	HPA
Short spring material	Phosphor bronze	
Lip packing material	Self-lub. silicone rubber	---
Wire seal material	Self-lub. silicone rubber	---
Applicable wire size	CAVS 0.3-0.5 mm ²	
Allowable current	5A	3A
Applicable temp. range	-40°C~140°C	-40°C~100°C
Number of poles	2, 4	2, 4

APPLICATIONS

All airbag applications

STATUS – In Production



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