ATTEND Connect to Your Success	SERIES: 104D-TCA0-R06
	FILE: 104D-TCA0-R06_sp
SPECIFICATION AND PERFORMANCE	DATE: 2014/01/09

Scope:

This specification covers the requirements for product performance, test methods and quality assurance provisions of 104D-TCA0-R06.

Performance and Descriptions:

The product is designed to meet the electrical, mechanical and environmenta performance requirements specification. Unless otherwise specified, all test are performed at ambient environmental conditions.

RoHS:

All material in according with the RoHS environment related substances list controlled.

MATERIAL AND FINISH		
INSULATOR	**Material**	Plastic Body : LCP+35%GF, Color Black. Slider : LCP+35%GF, Color Black.
CONTACT	**Material**	Contact : Phosphor Bronze Alloy (C5210R–EH) Switch A/C :Phosphor Bronze Alloy (C5210R–EH) Hold down :Phosphor Bronze Alloy (C5191R–H)
	Plating	Contact area: Gold 10 micro inches (Min.) Solder area: Gold flash All under-plated Ductile Nickel 50 micro inches (Mi Switch A/C & Hold down: Contact area: Gold flash,Solder area: Gold flash All under-plated Ductile Nickel 50 micro inches (Mi

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SHELL OR COVER	**Material**	Shell :SUS304R-3/4 H Latch : SUS304R-3/4 H Spring : Piano Wire Drag Link : SUS304
	Plating	
RATING	Rating Current: 0.5A (Max.)/(1PIN) Rating Voltage: 100V AC/DC Operating Temperature: -25℃ to +90℃ Storage Temperature: -40℃ to +90℃	

ELECTRICAL

Item	Requirement	Test Condition
Contact Resistance	Initial: 80 mΩ (Max)	Solder connectors on PCB and mate ther together, measure by applying closed circ current of 10mA maximum at open circu voltage of 20mV (max). (JIS C5402 5.4)
Insulation Resistance	Initial: 1,000MΩ(Min).	Apply 500V DC between adjacent contac or contact and ground. (MIL-STD-202 METHOD 302)
Dielectric Withstanding Voltage	No breakdown	Mate connectors; apply 500V AC(rms.) between two adjacent for 1minute. (Trip current:1mA) (MIL-STD-202 METHOD 301)

MECHANICAL

Item	Requirement	Test Condition
Contact Retention Force	2.5N per pin (Min.)	Place a connector on the push-pull machi then apply a force on a contact head anc push the contact to the opposite directior the contact insertion at the speed of 25 ± 3mm/min. (EIA364-29)

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