

# CONFIDENTIAL

## **Specifications:**

Series number: HDMI A type series Construction node: SMT type

Number of pin: 19 Positions Contact & Connecting types: Socket

Color codes: Black

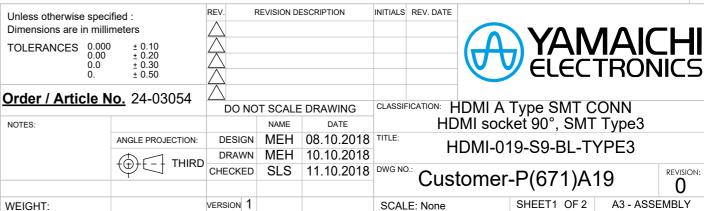
Contact platings: G/F on mating area, 80µ" Mat Tin Plated on solder area, Ni 50µ" min under plating overall Shell Platings: Nickel plating

Environmental protection No.: Green product

Packaging: Tape reel packaging Suffix No.: W/O Logo, and with top spring solder tail is SMT type Serial No.: Shell material is Brass

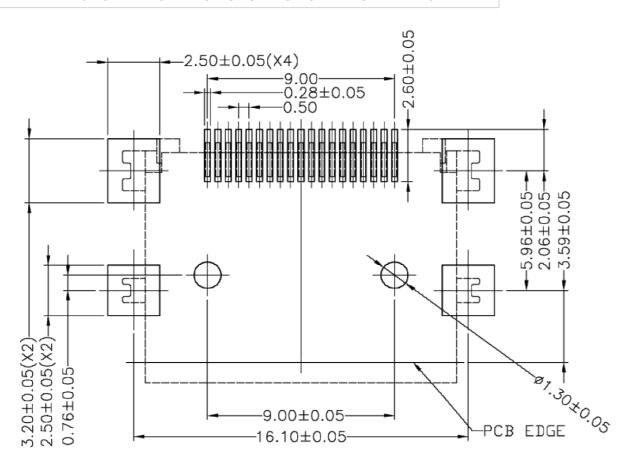
## **Bill of material & Specifications:**

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1 PCS	HIGH TEMPERATURE	BLACK
2	TERMINAL	1 SET	COPPER ALLOY	GOLD PLATING
3	BOTTOM COVER	1 PCS	HIGH TEMPERATURE	BLACK
4	SHELL	1 PCS	BRASS OR SPCC	PLATING Ni

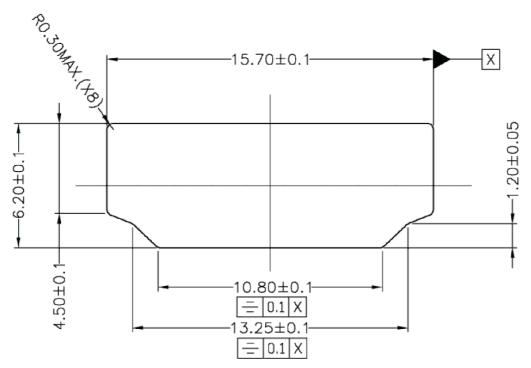


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#### RECOMMENDED PCB LAYOUT (THICKNESS=1.6±0.15mm)

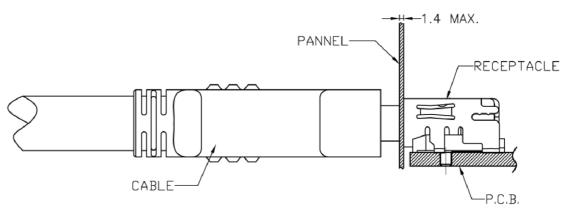


#### REFERENCE PANEL CUT OUT DIMENSION

Yamaichi acts with all markings of the product exclusively on behalf of the customer as service provider and not as distributor. Yamaichi is not aware of the customer's end use/application. The customer indemnifies Yamaichi from any liability towards third parties in connection with the marking - with the exception of the legal exclusions of liability according to § 309 No. 7 BGB.

Specification/Drawing subject to alteration without prior notice

RoHS compliant acc. to directive 2011/65/EU



REFERENCE MOUNT DIMENSION

## **SPECIFICATIONS:**

#### **MECHANICAL:**

Withdrawal force after 2000 cycles: 9.8N Min, 39.2N Max. Withdrawal force after 2001-10000 cycles: 4.9N Min, 39.2N Max Insertion Force: 44.1N Max.

#### **ELECTRICAL:**

Contact current rating: 0.5A Min. Voltage rating: 40V AC(RMS)

Withstanding voltage: 500 V AC between adiacent terminal(unmate) 300 V AC between adiacent terminal(mate) Insulation resistance: 100 M $\Omega$  Min.(Unmated); 10 M $\Omega$  Min.(mated)

Contact resistance: 30mΩ Max.

**Environmental:** 

Operating temperature: -25°C to +85°C Storage temperature: -20°C to +60°C

	Unless otherwise specified : Dimensions are in millimeters		REV. REVISION DESCRIPTION		INITIALS	REV. DATE					
									\ \ /	4010	-, ,,
	TOLERANCES 0.0		$\overline{\wedge}$					$\Lambda$	YДN	ЛДК	н
	OLERANCES 0.00 ± 0.20 0.0 ± 0.30 0. ± 0.50 ANGLE ±2°							<b>W</b>	YAN	TRON	iics
	Order / Article No. 24-03054										
				DO NOT SCALE DRAWING			CLASSIFICATION: HDMI A Type SMT CONN HDMI socket 90°, SMT Type3				
	NOTES:			NAME	DATE		HD	MI socl	ket 90°, SMT	Type3	
I		ANGLE PROJECTION:	DESIGN	MEH	08.10.2018	TITLE:	ы	DMI O	10 CO DI T	VDE2	
		THIRD	DRAWN	MEH	10.10.2018	HDMI-019-S9-BL-TYPE3					
		TO THIRD	CHECKED	SLS	11.10.2018	DWG NO	Customer-P(671)A19				
	WEIGHT:		version 1			SCAL	E: None		SHEET2 OF 2	A3 - ASSI	EMBLY