

Excellent Integrated System Limited

Stocking Distributor

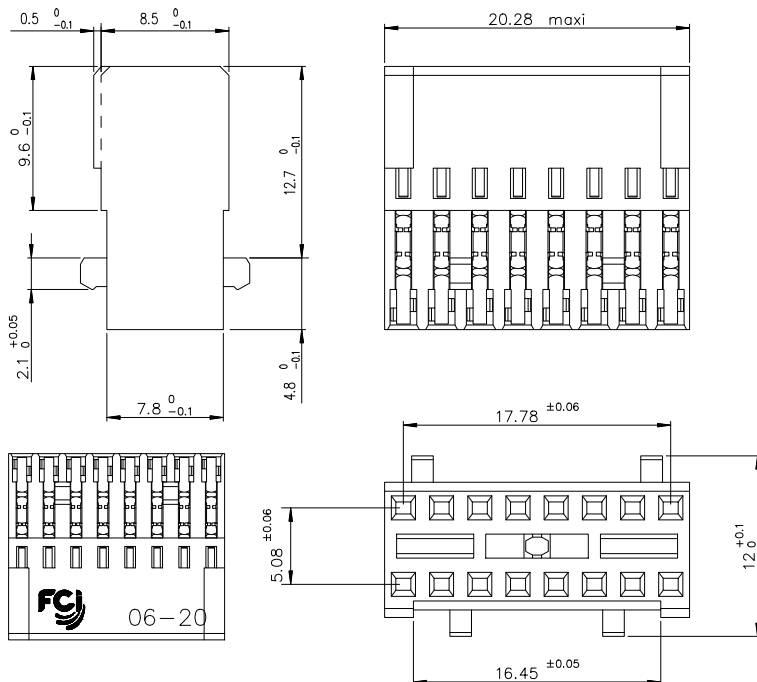
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[864921640622001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

DIMENSIONS



TIN LEAD PART NUMBER

PART NUMBER

864921640622001

LEAD FREE PART NUMBER

PART NUMBER

864921640622001LF

ELECTRICAL CHARACTERISTICS

-current rating	1.5 A at 20° / 1 A at 70°
-I max	2A
-Contact resistance	≤20 mΩ
-Insulation resistance	≥5.10 MΩ
-TEST VOLTAGE	
contact/contact	1000V eff (0.5 mA / 50 Hz)
contact/ground	1550V eff (0.5 mA / 50 Hz)

MECHANICAL CHARACTERISTICS

-Contact number	16
-Retention force	≥20N per contact
-Insertion force	≤15N
-Withdrawal force	≥2.5N
-Material insulator	Polyester thermoplastic
-Color	Grey RAL 7035
-Extinguishing	UL94V0
-Temperature range	- 55° C + 125° C
-Material contacts	Phosphor bronze Cu Sn 8
-Hardness	200 to 225 HV

TIN LEAD VERSION

-Finishing contact surface	Nickel : 2 μm min + PdNi Alloy : 0.68 μm min + Gold : 0.065 μm min
-Other area	Nickel

LEAD FREE VERSION

NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board. See application notes/procedures if they are available.
- Packaging spec: see GS-14-920

European Views

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection mm	mm
		ANGULAR	LINEAR	size A3	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		Scale 4	
Dr	ROUILLARD	1991/04/09	0.X	±0.1	
Eng	TARON	1991/04/09	0.XX	±0.1	
Chr	LEGARE	1991/04/09	0.XXX	±0.1	
Appr	LEGARE	1991/04/09	Product family		ECN ELX-I-010140-1
		DIN PHILIPS		Spec ref -	
		CONNECTOR FEM, 2 ROW		C-8649-0007	Rev. F
		F-122		CUSTOMER	sheet 1 of 1
		catalog no			

REV F - 2006-04-17

1

2

3

PDS: Rev :F

STATUS:Released

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