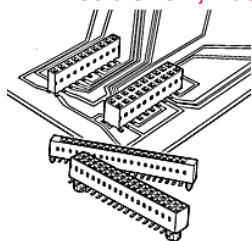


89898-307LF - DUBOX™ : 14
Position Vertical Card
Connector, Surface Mount,
Double row, Dual entry



www.fci.com

Mating Half

▷ 77313-101-14LF

▷ 95278-101-14LF

Specifications

General

Hold Down Style	No Locating Pegs
Number of contacts (per row)	7
Number of contacts (Total)	14
Number of rows	2
Orientation	Vertical
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	89898

Dimensional

Thickness (Board)	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
Footprint (Board)	2.54 mm x 7.2 mm (0.1 in. x 0.283 in.)

Electrical

Current rating	3A max. per Contact/2A max. per Contact for Full Load
Resistance (Contact)	15 milli ohms Initial, 20 milli ohms After test
Resistance (Insulation)	100000 M-ohms
Voltage rating	1000V rms

Mechanical

Insertion force	1.50N (150 gf) per Contact
Withdrawal Force	0.3N (30 gf) min. per Contact

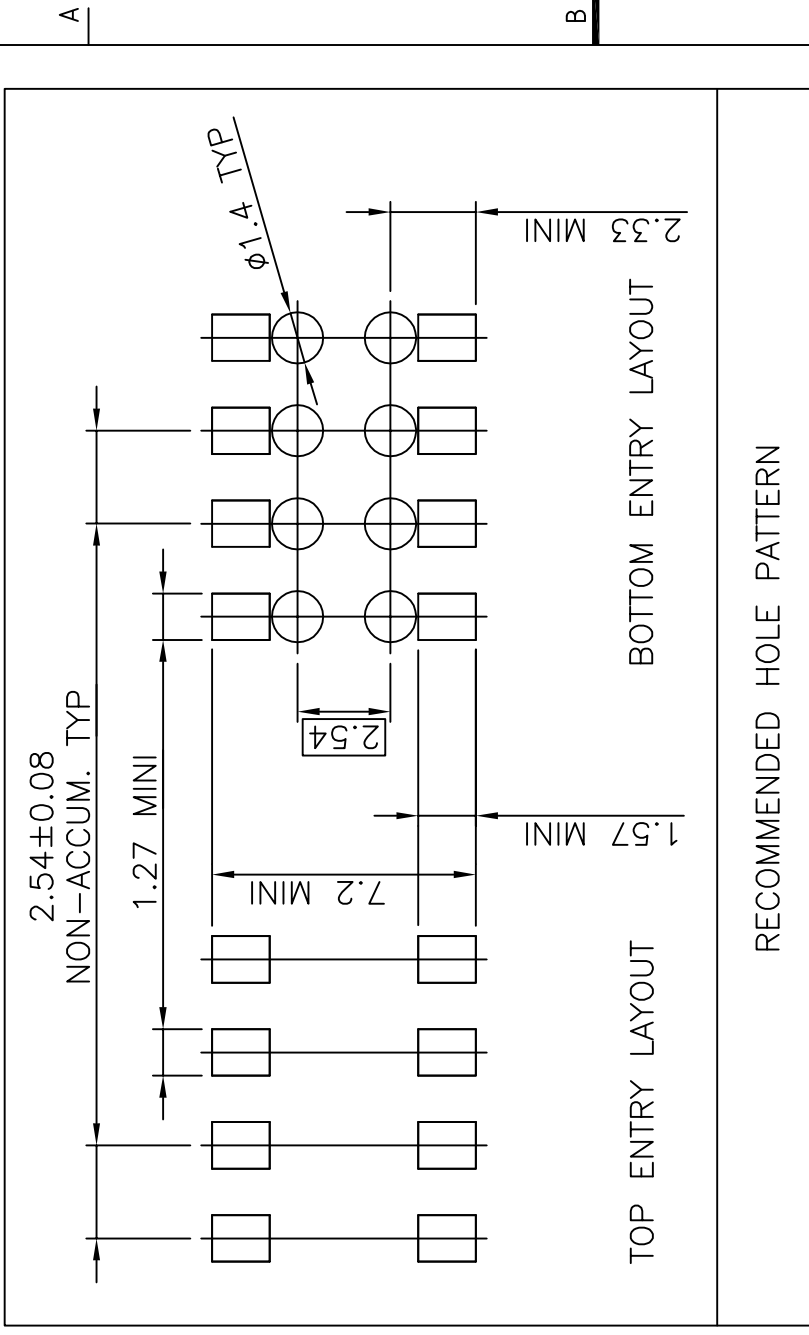
Mounting

Solder process	Compatible with Wave, Vapor - Phase
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Physical

Color (Housing)	Grey
Material (Contact)	Phosphor Bronze
Material (Housing)	High Temperature Thermoplastic
Plating (Contact area)	0.76 µm (30 µin.) Gold
Plating (Tail)	2.54 µm (100 µin.) Tin
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Flammability rating	UL 94 V-0

Temperature (Range)	-65 °C to +125 °C
Approvals / Certifications	
UL File Number	E66906
Approvals / Certifications	UL and CSA Approved



A

B

C

D

Fcconnect.com



PDM: Rev:AE

STATUS: Released

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mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1 & 2	ISO 1302 ✓	ISO 406 ISO 1101		DUBOX
lfr ecn no	dr	tolerances unless otherwise specified		title
A F04-0347	DLE	.x ±0.3	mm	SMT
B F06-0204	DLE	.xx ±0.13	scale 5:1	BtB RECEPT.
C F11-0016	JCO	.xxx ±0.05		dwg no
	dr	P.NIZZI		89898
	engr	JM.PHAMVAN		sheet 2 of - size
	chr	P.NIZZI		A4
	appd	JM.P		type
sheet	revision			CUSTOMER
index	sheet			Drawing