



Distributor of FCI: Excellent Integrated System Limited

Datasheet of 56604-401ALF - Connector Receptacle 44 Position 0.100" (2.54mm) Tin Surface Mount

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)

[56604-401ALF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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PRODUCT NUMBER
56604-3XXZLF

- RoHS COMPATIBLE, SEE NOTE 5
- OPTIONAL LETTER
A: PRODUCT WITH PICK UP CAP PACKED IN TAPE & REEL SEE TA856.
K: PRODUCT WITHOUT PICK UP CAP PACKED IN TAPE & REEL.
B: PRODUCT WITH PICK UP CAP PACKED IN TUBE.
- LOADING VERSION SEE SHEET 2
- PLATING CODE
3= 0.76µm GOLD ON CONTACT AREA.
2µm MIN MATTE TIN ON TAIL.
4= 2µm MIN MATTE TIN FULL PLATED
1.27µmNi MIN UNDERPLATING

NOTES:

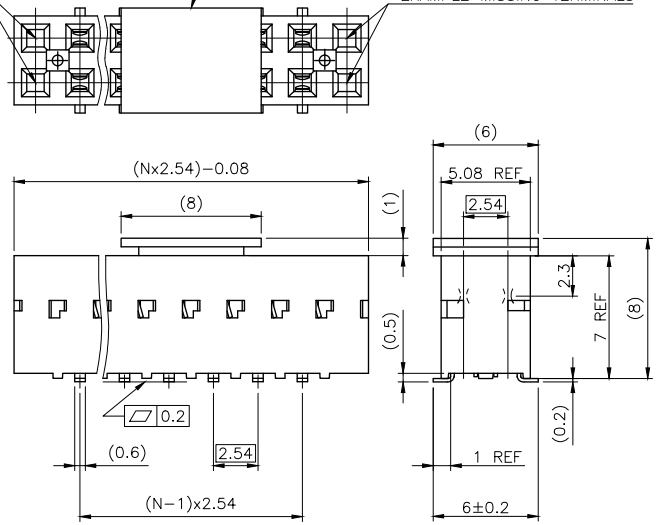
- 1 - HOUSING & PICK UP CAP MAT'L: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0 COLOR: GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS: (N x 2.54) - 0.08 = 20.24 mm.
- 4 - RECOMMENDED IR PROFILE PER TAB42.
- 5 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS MAX IN A CONVECTION, INFRA-RED OR VAPOR PHASE OR REFLOW OVEN.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-47-0004

EXAMPLE MISSING TERMINALS

VIEW "A"

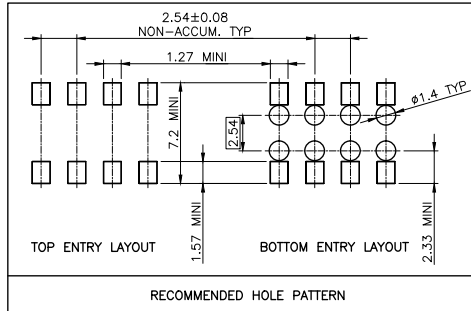
OPTIONAL PICK UP CAP

EXAMPLE MISSING TERMINALS



mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302		ISO 406 ISO 1101		mm		DUBOX VCC	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
H	B-20009	LMU	15.01.16	angles	linear	±0.3		BtB RECEPT.	
J	B-20320	AMA	15.01.26	±Z		scale 1:1		DR SMT LOADED	
D	F06-0204	DLE	06.06.19	dr	D.LEGRAND	03.05.27		dwg no	
E	F12-0043	LMU	12.05.02	engr	P.NIZZI	03.05.27		sheet 1 of 2	
F	B-19123	LMU	14.10.20	chr	L.MULIN	03.05.27		size	
G	B-19931	LMU	15.01.08	appd	PNZ	03.05.27		56604 A3	
sheet	revision	J	G					type	
index	sheet	1	2					CUSTOMER Drawing	

PRODUCT N°	NBR POS.	NBR TERM.	CONTACT PLACED IN CAVITY (SEE VIEW "A")																					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
56604-Y01(Z)LF	2x22	2x20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56604-Y02(Z)LF	2X09	2x07	X	X	X				X	X	X													
			X	X	X				X	X	X													
56604-Y03(Z)LF	2X14	2x11	X	X	X	X	X	X			X	X			X	X								
			X	X	X	X	X	X			X	X			X	X								



mat'l. code	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 486 ISO 1101		DUBOX VCC
Ltr ecn no dr date	tolerances unless otherwise specified	angles	linear	mm
A F03-0256 DLE 03.09.01	±0.3	linear	mm	scale N/A
B F04-0347 DLE 04.11.09	±z	linear	mm	scale N/A
C F06-0204 DLE 06.06.19	±z	linear	mm	scale N/A
D F12-0043 LMU 12.05.02 dr D.LEGRAND 03.08.19				
E B-19123 LMU 14.10.20 engr P.NIZZI 03.08.19				
F B-20009 LMU 15.01.16 chr L.MULIN 03.08.19				
G B-20320 AMA 15.01.26 appd PNZ 03.08.19				
sheet index	revision	sheet		

title	product family
BtB RECEPT.	DUBOX VCC
DR SMT LOADED	
dwg no	sheet 2 of - size
56604	A3
type	CUSTOMER Drawing