

PRODUCT NUMBER
56604-3XXZLF

RoHS COMPATIBLE, SEE NOTE 5

OPTIONAL LETTER:
(MAY BE SUBJECT TO TOOLING FEES)

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
(AS AVAILABLE)

PLATING CODE:
(AS AVAILABLE)

3= 0.76µm GOLD ON CONTACT AREA.
2µm MIN MATTE TIN ON TAIL.

4= 2µm MIN MATTE TIN FULL PLATED
1.27µm Ni MIN UNDERPLATING

EXTENDED RANGE

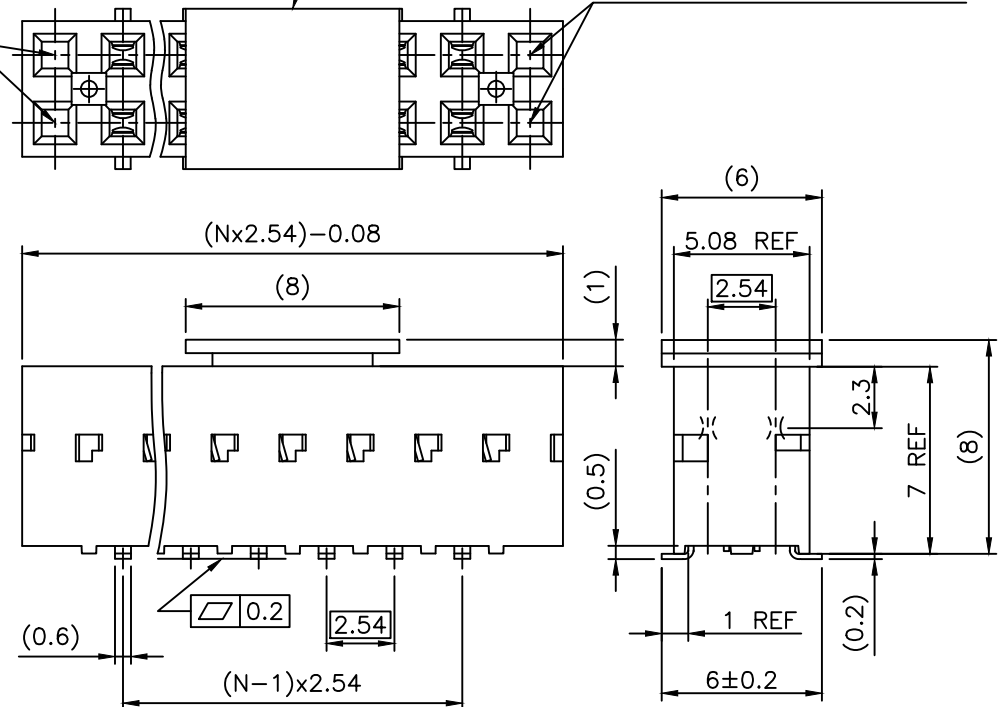
- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND

VIEW "A"

OPTIONAL PICK UP CAP

EXAMPLE MISSING TERMINALS

EXAMPLE MISSING TERMINALS



NOTES:

1 - HOUSING & PICK UP CAP MATERIAL: THERMOPLASTIC GLASS FILLED
FLAME RETARDANT PER UL 94 V-O COLOR: GREY

2 - TERMINAL MATERIAL: PHOSPHOR BRONZE

3 - TO DETERMINE DIMENSIONS:

N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS: (Nx2.54)-0.08=20.24mm

4 - RECOMMENDED IR PROFILE PER TA842

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

6 - THIS PART SERIES IS NOT INITIALLY INTENDED FOR
AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE
CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND
TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF
THE STANDARD PRODUCT SPECIFICATIONS.

7 - UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL
PARTS AND COMPONENTS ARE DESIGNED & BUILT
ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH
ARE SUBJECT TO CHANGE WITHOUT NOTICE.

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX VCC			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
H	B-20009	LMU	15.01.16	angles linear	±0.3				BtB RECEPT. DR SMT LOADED				
J	B-20320	AMA	15.01.26										
K	F-35101	LMU	19.10.15										
				±2°				scale 1:1					
L	F-46839	DDE	22.12.21	dr	D.LEGRAND		03.05.27	Amphenol FCI	dwg no		sheet 1 of 2		size
M	F-55254	DDE	25.04.03	engr	P.NIZZI		03.05.27		56604		A3		
				chr	L.MULIN		03.05.27						
G	B-19931	LMU	15.01.08	appd	P.NIZZI		03.05.27		type		CUSTOMER		Drawing
sheet index	revision	M	K										
	sheet	1	2										

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	
56604-Y02(Z)LF	2x09	2x07	X	X	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		X	X								
56604-Y04(Z)LF	2x15	2x08	X		X		X		X		X		X		X		X							
			X		X		X		X		X		X		X		X							
56604-Y05(Z)LF	2x06	2x04	X	X	X			X																
			X	X	X			X																
56604-Y06(Z)LF	2x08	2x06	X	X			X	X	X	X														
			X	X			X	X	X	X														

A

A

B

B

C

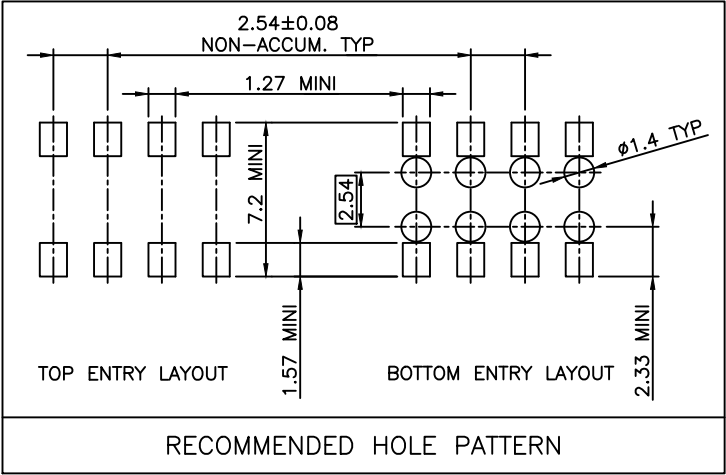
C

D

D

Amphenol
FCI
FCIconnect.com

Copyright FCI



mat'l. code				surface		tolerance		projection		product family	
SEE NOTES				ISO 1302		ISO 406		ISO 1101		DUBOX VCC	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title	
H	F-35101	LMU	19.10.15							BtB RECEPT.	
J	F-46839	DDE	22.12.21							DR SMT LOADED	
K	F-55254	DDE	25.04.03							scale N/A	
				dr		D.LEGRAND		03.08.19		dwg no	
E	B-19123	LMU	14.10.20	enrg		P.NIZZI		03.08.19		sheet 2 of 2	
F	B-20009	LMU	15.01.16	chr		L.MULIN		03.08.19		size	
G	B-20320	AMA	15.01.26	appd		P.NIZZI		03.08.19		A3	
sheet				revision						type	
index				sheet						CUSTOMER	
										Drawing	

Amphenol
FCI