

PRODUCT NUMBER
56605-307ALF

RoHS COMPATIBLE, SEE NOTE 5

PACKAGING:

A: PRODUCT WITH PICK UP CAP PACKED IN
TAPE & REEL SEE TA856.

NUMBER OF POSITIONS

PLATING CODE:

3= 0.76μm GOLD ON CONTACT AREA.

2μm MIN MATTE TIN ON TAIL.

1.27μm Ni MIN UNDERPLATING

EXTENDED RANGE

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

OPTIONAL PICK UP CAP



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: (N×2.54)-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:

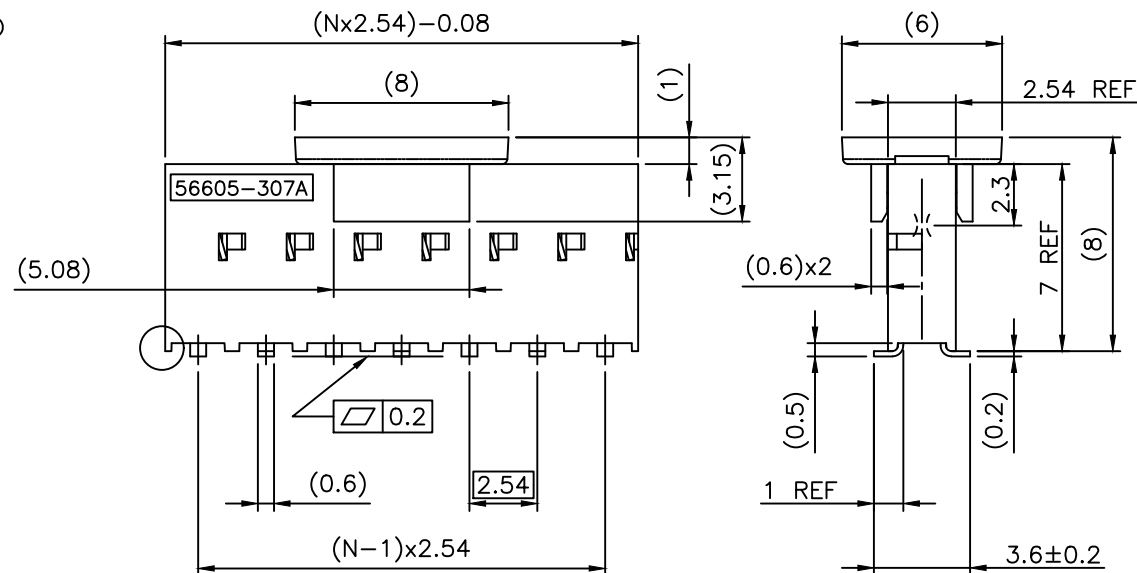
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

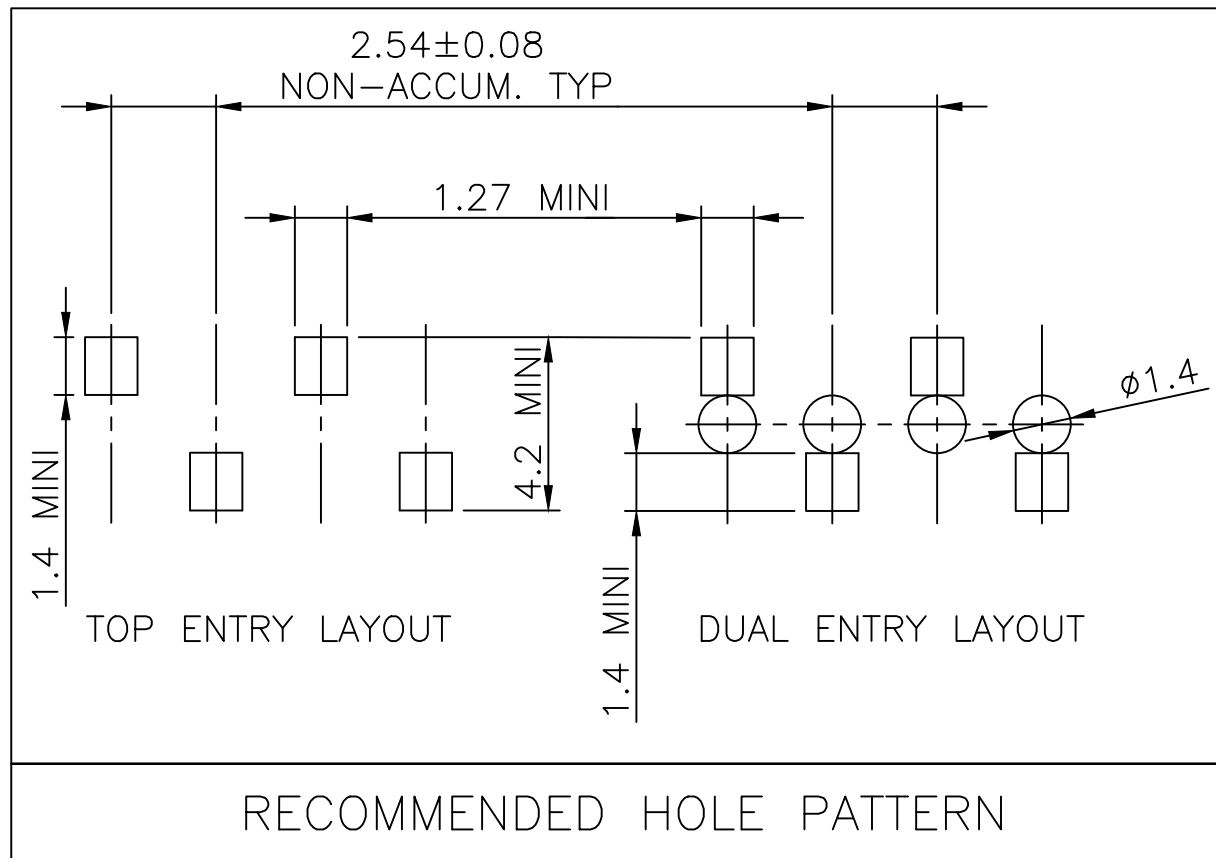
6 - END STAND-OFFS FOR 2x2 UP TO 2x5 POS
NO END STAND-OFFS FOR 2x6 UP TO 2x50 POS

7 - 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.

8 - 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			
ltr	ecn no	dr	date	tolerances unless otherwise specified				 scale 5:1	title BtB RECEPT. SPECIAL VERT SR SMT				
H	F07-0245	PNZ	07.08.14	angles	linear	±0.3							
J	F11-0043	JCO	12.02.22										
K	B-19123	LMU	14.10.20			±2°							
L	F-55256	DDE	25.04.03										
				dr	D.LEGRAND		03.11.27		dwg no		sheet 1 of 2	size	
				enrg	P.NIZZI		03.11.27		Amphenol FCi		56605		A3
F	F07-0152	DLE	07.03.13	chr	J.COMPAGNON		03.11.27						
G	F07-0234	LMU	07.07.10	appd	P.NIZZI		03.11.27						
sheet	revision	L	C							type	CUSTOMER	Drawing	
index	sheet	1	2										



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ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title BtB RECEPT. SPECIAL VERT SR SMT			
A	F04-0347	DLE	04.11.09	angles	linear					
B	F06-0204	DLE	06.06.19	±0.3		scale 5:1	dwg no 56605			
C	F-55256	DDE	25.04.03	±2'						
				dr	D.LEGRAND	04.11.09	sheet 2 of - size A3			
				enr	P.NIZZI	04.11.09				
				chr	J.COMPAGNON	04.11.09	type CUSTOMER			
				appd	P.NIZZI	04.11.09				
sheet index		revision sheet								