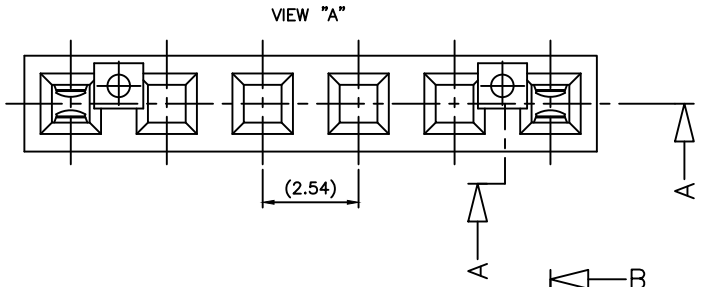
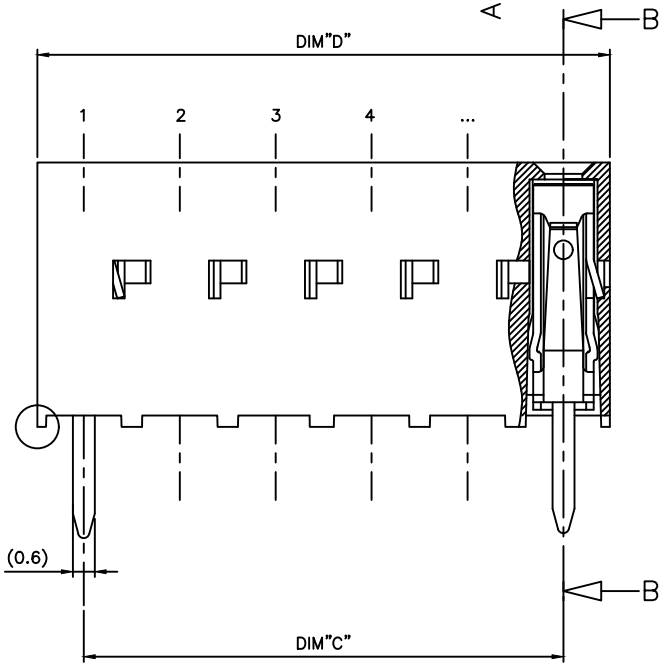
PRODUCT N°	NB OF TERMINAL	DIM"C"	DIM"D"	CONTACTS PLACED IN CAVITY (ACCORDING TO VIEW "A")
87627-Y01(H)LF	2	12.70	15.08	X X
87627-Y02(H)LF	5	15.24	17.70	X X X
87627-Y03(H)LF	4	15.24	17.70	X X X X
87627-Y04(H)LF	8	40.64	43.10	X X X X X X X X
87627-Y05(H)LF	5	15.24	17.70	X X X X X
87627-Y06(H)LF	5	15.24	17.70	X X X X X
87627-Y07(H)LF	3	10.16	12.62	X X X
87627-Y08(H)LF	7	35.56	43.10	X X X X X X X
87627-Y09(H)LF	4	15.24	17.70	X X X X

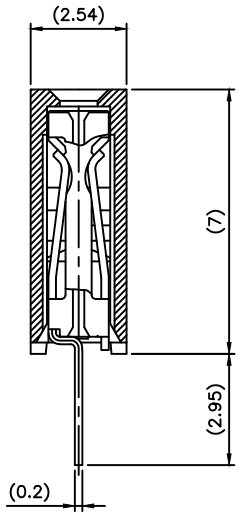
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

RoHS COMPATIBLE, SEE NOTE 6





SECTION A–A



SECTION B–B

NOTES:

1 – MATERIAL HOUSING: THERMOPLASTIQUE POLYESTER 30% GLASS FILLED, COLOUR BLUE. FLAME RETARDANT PER UL–94V0.

2 – MATERIAL TERMINAL: PHOSPHOR BRONZE EXTRA HARD.

3 – RECOMMENDED APPLICATION DATA: SEE TA 804.

4 – SUFFIX LETTER "H" AT THE END OF THE P/N INDICATES A HIGH TEMPERATURE HOUSING, MATERIAL: PCT 30% GLASS FILLED COLOR GREY. FLAME RETARDANT PER UL–94V0.

5 – PRODUCT PACKAGED IN TUBE.

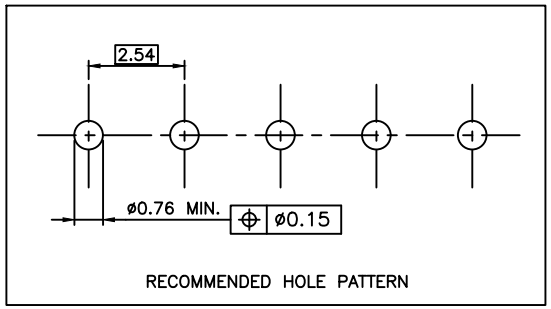
6 – RoHS COMPATIBLE PRODUCT SPECIFICATIONS
- a – PLATING:
  - – "LF" MEANS THE PRODUCT IS LEAD–FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- b – MANUFACTURING PROCESS COMPATIBILITY
  - – THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- c – LABELING:
  - – MEETS PACKAGING SPECS AS PER GS–14–920
- d – LEGAL STATEMENT: SEE GS–47–0004

7 – END STAND–OFFS FOR 1x2 UP TO 1X5 POS
NO END STAND–OFFS FOR 1x6 UP TO 1x50 POS

8 – 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 THESTANDARD PRODUCT SPECIFICATIONS.

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

87627–4XXLF	5µm Sn	Sn
87627–3XXLF	0.76µm GOLD	Sn
PLATING CODE	CONTACT AREA	SOLDER TAIL
	PLATING THICKNESS OVER 1.27µm Ni	



RECOMMENDED HOLE PATTERN

ltr	ecn no	dr	date
S	B–19123	LMU	14.10.21
T	F–59167	DDE	26.01.23
M	F04–0347	DLE	04.11.09
N	F06–0204	DLE	06.06.21
P	F07–0271	LMU	07.12.06
R	F11–0043	JCO	12.02.22

mat'l. code: SEE NOTES
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles ±2°; linear ±0.3
projection
mm
scale 10:1
dr P.NIZZI 96.10.10
engr JM.PHAMVAN 96.10.10
chr P.NIZZI 96.10.10
appd JM.PHAMVAN 96.10.10
product family: DUBOX VCC SR
title: SELECTED LOADED
dwg no 87627
sheet 1 of 1
size A3
type CUSTOMER Drawing
sheet index
revision

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FCIconnect.com
form: A2
PDS: Rev :T STATUS:Released Printed: Jan 24, 2026