

WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL



- SHORT LEAD-TIMES
- LOW MOQs
- QUICK SAMPLING
- AVAILABLE AT DISTRIBUTION



95278-101A04LF
95278-101A06LF
95278-101A08LF
95278-101A10LF
95278-101A12LF
95278-101A14LF
95278-101A16LF
95278-101A20LF

PLATING _____
1 = 0.76µm GOLD/GXT ON CONTACT AREA
2µm TIN MIN ON TAIL
1.27µm Ni MIN UNDERLAYER

PIN STYLE _____

RoHS COMPATIBLE
SEE NOTE 5

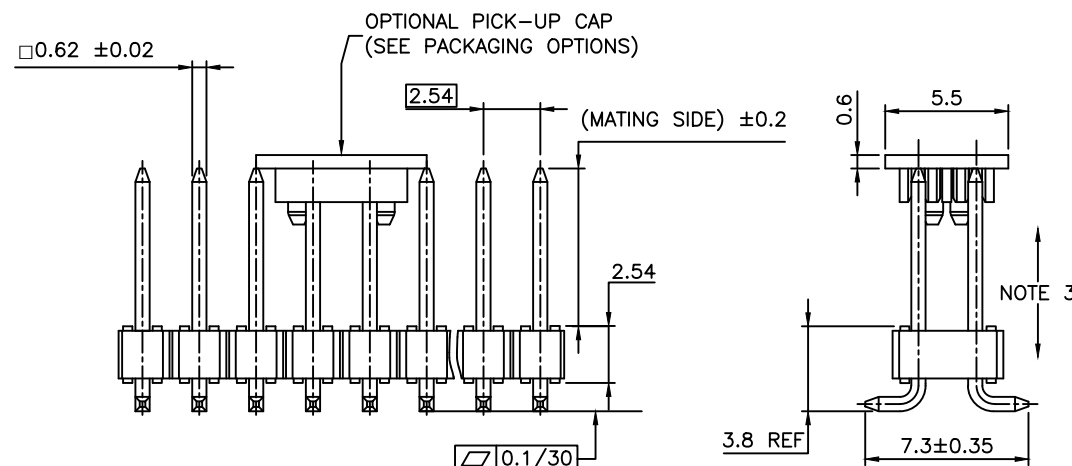
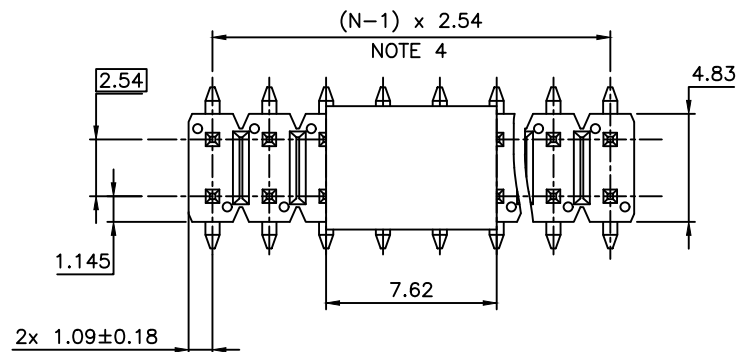
TOTAL NB OF POSITIONS _____

PACKAGING _____

A = TAPE & REEL WITH CAP, AS AVAILABLE
CAUTION: CAP ON 95278-YXX-04LF IS ORIENTED
90° VERSUS OTHER NB OF POSITIONS

NOTES:

- HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL: PHOSPHOR BRONZE
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDES IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004
- 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.
- 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				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
AM	F-55305	APH	25.04.08	angles			x.X ±0.3			UNSHR.HEADER DR SMT				
AN	F-55552	DDE	25.04.22				x.XX ±0.13							
							x.XXX ±0.05							
				linear				scale 5:1						
AH	F-47109	DDE	23.01.25	dr	D.LEGRAND		01.01.24		dwg no		sheet 1 of 2		size	
AJ	F-49477	DDE	23.10.12	engr	J.COMPAGNON		01.01.24				95278		A3	
AK	F-52811	DDE	24.09.05	chr	J.COMPAGNON		01.01.24							
AL	F-54452	DDE	25.01.28	appd	JF.NOTTEAU		01.01.24							
sheet	revision	AN	Y							type		CUSTOMER	Drawing	
index	sheet	1	2											

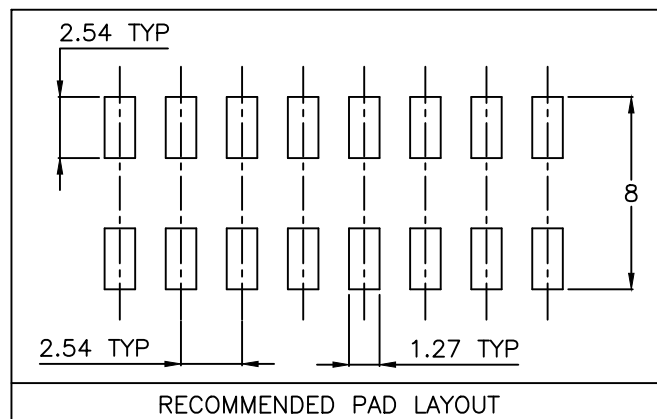
PRODUCT NUMBER

95278-YXX-XXLF

EXTENDED RANGE

- RoHS COMPATIBLE, SEE NOTE 5
- TOTAL NB OF POSITIONS 04 TO 50
- PACKAGING OPTIONS, SEE ON RIGHT
(MAY BE SUBJECT TO TOOLING FEES)
- PIN STYLE, SEE BELOW
(AS AVAILABLE)
- PLATING, SEE ON RIGHT
(AS AVAILABLE)

PIN STYLE	MATING
01	5.90
02	8.00
03	9.90
04	11.40
05	9.20
06	10.40
07	5.30
09	17.00
10	8.10
11	8.50
12	3.05
13	14.35
14	4.00
15	6.60
16	3.30



PACKAGING :

- = POLY BAGS
- B = TUBE + CAP - ONLY AVAILABLE UPON REQUEST
- A = TAPE & REEL WITH CAP, AS AVAILABLE
CAUTION: CAP ON 95278-YXX-04LF IS ORIENTED 90° VERSUS OTHER NB OF POSITIONS
- AV = TAPE & REEL WITH PICK UP CAP FOR CUSTOMER DEDICATED PART
- ER = TAPE & REEL WITH CAP, FOR CUSTOMER DEDICATED PART AND SPECIFIC LABEL ON REEL
- ERB = TUBE WITH PICK UP CAP, FOR CUSTOMER DEDICATED PART AND SPECIFIC LABEL
- TR = CUSTOM TAPE & REEL WITH CAP, SEE TA840
ONLY FOR P/N : 95278-102TR04LF
95278-101TR10LF
95278-801TR04LF
- T = TUBE WITHOUT PICK UP CAP
ONLY AVAILABLE UPON REQUEST
- K = TAPE & REEL WITHOUT PICK UP CAP, AS AVAILABLE
- DP = POLYBAGS FOR CUSTOMER DEDICATED PART
- D = TAPE & REEL WITH PICK UP CAP FOR CUSTOMER DEDICATED PART

PLATING :

- 1 = 0.76μm GOLD/GXT ON CONTACT AREA, 2μm TIN MIN ON TAIL
- 4 = 2μm TIN MIN FULL PLATED
- 8 = 0.38μm GOLD/GXT ON CONTACT AREA, 2μm TIN MIN ON TAIL

1.27μm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406 ISO 1101		BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
W	F-47109	DDE	23.01.25	angles	linear		UNSHR.HEADER		
X	F-54452	DDE	25.01.28				DR SMT		
Y	F-55305	APH	25.04.08				scale N/A		
				dr	D.LEGRAND	01.01.24	dwg no		
T	B-20561	AMA	15.03.26	engr	J.COMPAGNON	01.01.24	sheet 2 of -		
U	F-22120	BVE	15.10.09	chr	J.COMPAGNON	01.01.24	size		
V	F-41211	DDE	21.06.15	appd	JF.NOTTEAU	01.01.24	A3		
sheet index	revision	sheet					type		
							CUSTOMER Drawing		