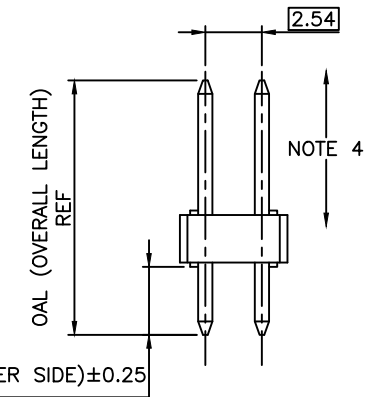
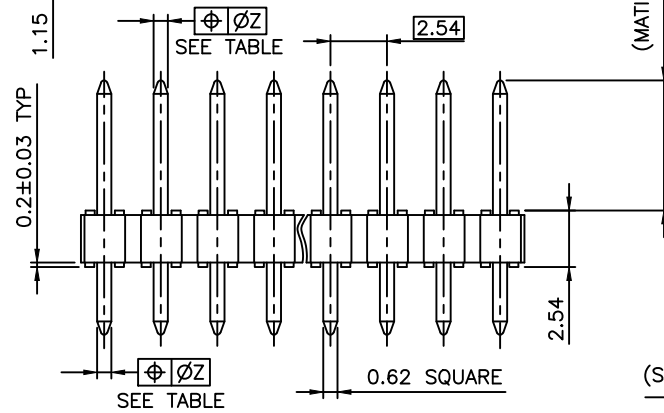
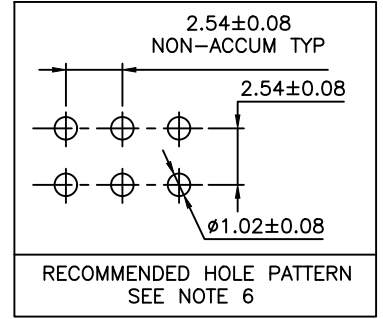
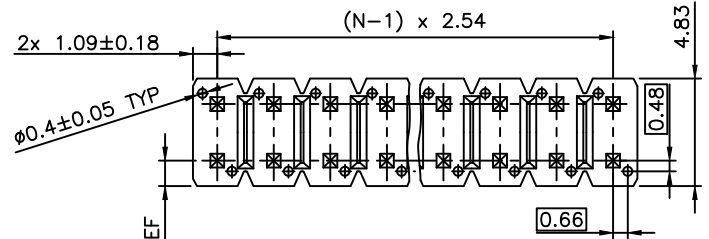


WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL

Preferred Part

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

Preferred Part	
77313-101-04LF	77313-118-04LF
77313-101-06LF	77313-118-06LF
77313-101-08LF	77313-118-08LF
77313-101-10LF	77313-118-10LF
77313-101-12LF	77313-118-12LF
77313-101-14LF	77313-118-14LF
77313-101-16LF	77313-118-16LF
77313-101-18LF	77313-118-18LF
77313-101-20LF	77313-118-20LF



PLATING

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

RoHS COMPATIBLE SEE NOTE 7

TOTAL NB OF POSITIONS

PACKAGING: - = POLYBAG

PIN STYLE SEE SHEET 3

NOTES:

- HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- BERGSTIK PRODUCT PACKAGED IN BULK BERGSTRIIP PRODUCT PACKAGED PER REELS, SEE SHEET 2
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- FOR PIN IN PASTE SOLDERING APPLICATION :
FINISHED PLATED HOLE Ø1.02-Ø1.06
LAND Ø1.45 MAX
- 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 ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD
 - REFLOW COMPATIBLE
 - 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.

TOLERANCE "Z" DEPEND UPON PIN MATING AND SOLDER LENGTHS

MATING/SOLDER LENGTH	ØZ	MATING/SOLDER LENGTH	ØZ
UP TO 10mm	Ø0.4	UP TO 14mm	Ø0.45
UP TO 18mm	Ø0.5	UP TO 22mm	Ø0.55
UP TO 26mm	Ø0.6	OVER 26mm	Ø0.65

mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302		ISO 406 ISO 1101		mm		BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
CP	F-52796	DDE	24.09.04	angles	linear	mm		UNSHR.HEADER	
CR	F-54441	DDE	25.01.27			scale 5:1		STR DR TMT	
CS	F-55487	DDE	25.04.16					dwg no	
CT	F-58161	DDE	25.11.14	dr	D.LEGRAND	01.01.24		sheet 1 of 3	
CU	F-58402	DDE	25.12.01	enfr	J.COMPAGNON	01.01.24		size	
CV	F-28549	DDE	26.04.07	chr	J.COMPAGNON	01.01.24		A3	
				appd	J.COMPAGNON	01.01.24		type	
sheet	revision	CV	BR	L				Drawing	
index	sheet	1	2	3					

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