

PRODUCT NUMBER
10076801-YXX-XXLF

PLATING
(AS AVAILABLE)

1= 0.76µm GOLD/GXT ON CONTACT
AREA, 2µm TIN MIN ON TAILS

4= 2.0µm TIN MIN FULL PLATED

8= 0.38µm GOLD/GXT ON CONTACT
AREA, 2µm TIN MIN ON TAILS

1.27µm NICKEL MIN UNDERLAYER FOR
ALL PLATING VERSIONS

LEAD FREE & RoHS COMPATIBLE
SEE NOTE 7

TOTAL NB OF POS
04 TO 72

PACKAGING, SEE NOTE 3
(MAY BE SUBJECT TO TOOLING FEES)

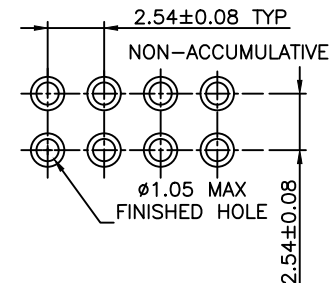
PIN STYLE, SEE TABLE
(AS AVAILABLE)

PIN STYLE	POST	SOLDER
01	5.84	2.50
02	6.75	2.50
03	5.84	3.00
04	6.75	3.00
05	7.70	3.00
06	8.20	3.00
07	10.50	3.20
08	9.10	3.00
09	5.84	2.00

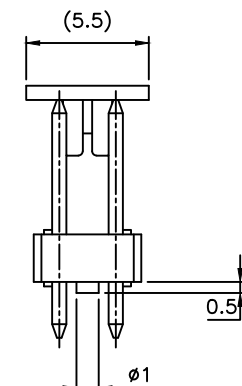
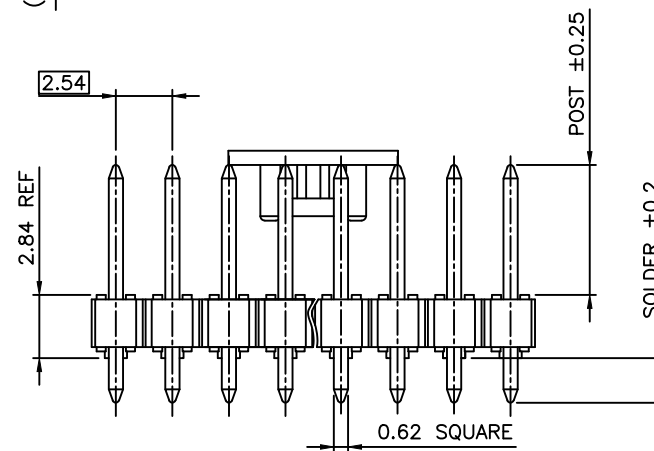
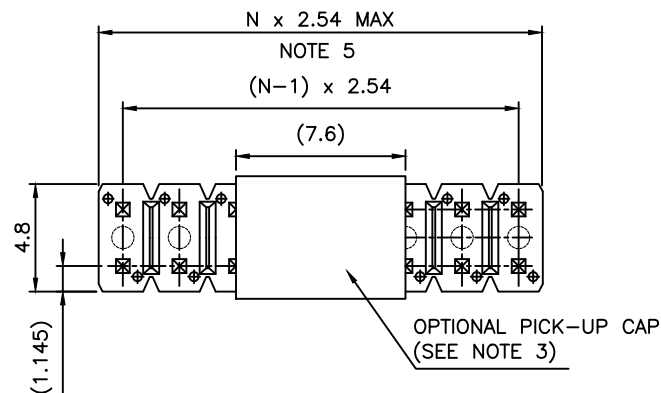
EXTENDED RANGE

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

FOR OPTIMAL SERVICE,
PLEASE CONSIDER OUR PREFERRED PART SERIE:
77313
ON STANDARD CONFIGURATIONS.



RECOMMENDED HOLE PATTERN
1.6 mm THICK PCB DESIGN
RECOMMENDATION AS PER TA-897



NOTES:

1. HOUSING MATERIAL: HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK

2. PIN MATERIAL: PHOSPHOR BRONZE

3. PACKAGING OPTIONS:

- = POLY BAGS
- A = TAPE & REEL WITH CAP, AS AVAILABLE
- T = IN TUBE WITHOUT PICK-UP CAP
ONLY AVAILABLE UPON REQUEST

4. 9N MIN RETENTION IN EITHER DIRECTION

5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm

6. UNDERPLATING : 1.27µm Ni MIN

7. RoHS COMPLIANT & 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 SECONDES
IN A CONVECTION, INFRA-RED OR VAPOR
PHASE REFLOW OVEN.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

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 THE STANDARD
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.

mat'l. code				surface		tolerance		projection	product family				
SEE NOTES				ISO 1302 ✓		ISO 406 ISO 1101			BERGSTIK				
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
A	F08-0104	LMU	08.01.15	angles	linear	.X ±0.3			UNSHR.HEADER				
B	F09-0072	JCO	09.07.23			.XX ±0.15			DR STR PIN IN PASTE				
C	B-17101	JCO	14.03.04			.XXX ±0.05			scale 5:1				
D	B-18988	LMU	14.10.06	dr	L.MULIN		07.02.21		dwg no		sheet 1 of 1	size	
E	F-23186	AMA	16.02.01	enrg	J.COMPAGNON		07.02.21		10076801		A3		
F	F-47112	DDE	23.01.25	chr	P.NIZZI		07.10.22						
G	F-55061	DDE	25.03.20	appd	J.COMPAGNON		07.02.21		type CUSTOMER Drawing				
sheet index		revision sheet											