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**Interactive product catalog**

**BergStik® Header Right-Angle, 2.54 mm**

- [→ Customer drawing](#)
- [→ Product specification](#)

77317-804-72



**FCI basics**

**QUICK SHIP  
SAMPLES**

BergStik® Headers

**SEARCH BY :**

→ Part number

- Product type
- Application
- Industry standard
- Product tradename
- Cross reference
- Alphabetic list
- Application tooling
- Catalog keyword

- Fiber optics
- Systems & Assemblies
- Custom products
- Product literature
- Technical library



412 94 89

**Features Selected**

<b># of Rows</b>	2
<b># of Positions per Row</b>	36
<b>Plating Specification</b>	Selective gold plated, class 3
<b>Mating Length</b>	5.84 mm (0.230 in.)
<b>Tail Length</b>	3,05 mm (0.120 in.)

**Other Properties**

<b>Bend Dimension from Plastic</b>	1.40 mm (0.055 in.)
<b>Orientation</b>	Right angle
<b>Body Style</b>	Single body
<b>Mounting Style</b>	Board thru-mount
<b>Board Attachment</b>	Solder-to-Board
<b>PCB Retention Feature</b>	no
<b>Packaging Type</b>	Bag
<b>Housing Material</b>	PCT
<b>Color</b>	Black
<b>Applicable Soldering Processes</b>	According IEC-682-20
<b>Contact Base Material</b>	Copper alloy
<b>Insulation Resistance</b>	10000 M ohms
<b>Withstanding Voltage</b>	1500 V ac rms
<b>Current Rating</b>	3 amp max.
<b>Retention Force</b>	9 N (0.9 kgf) min. in one direction
<b>Temperature Range</b>	-65 °C to +125 °C
<b>Application Equipment</b>	HT 115 Ht 320
<b>Trademark</b>	BergStik®
<b>Approvals &amp; Certification</b>	UL and CSA approved
<b>Literature</b>	NL Basic 07 01 E

Back

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**PRODUCT NUMBER**

77317-YXX-XX

- 1 - TOTAL NB OF POSITIONS 04 TO 72
- 2 - PIN STYLE SEE SHEET 2
- 3 - PLATING SEE SHEET 2

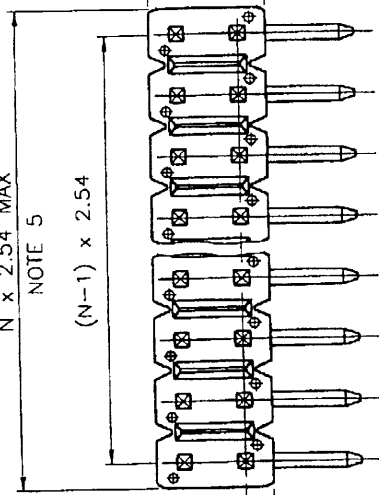
N x 2.54 MAX

NOTE 5

(N-1) x 2.54

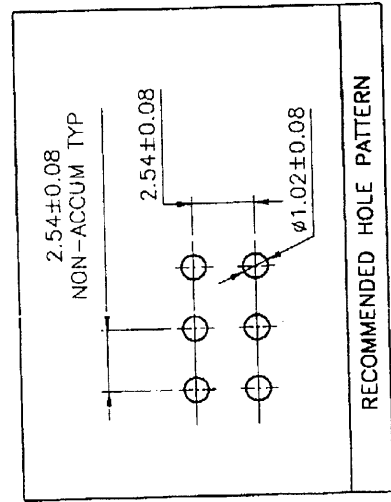
4.83 REF

1.145 REF



**NOTES:**

- 1 - HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- 2 - PIN MATERIAL : PHOSPHOR BRONZE
- 3 - PRODUCT PACKAGED IN POLY BAGS.
- 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



2.54

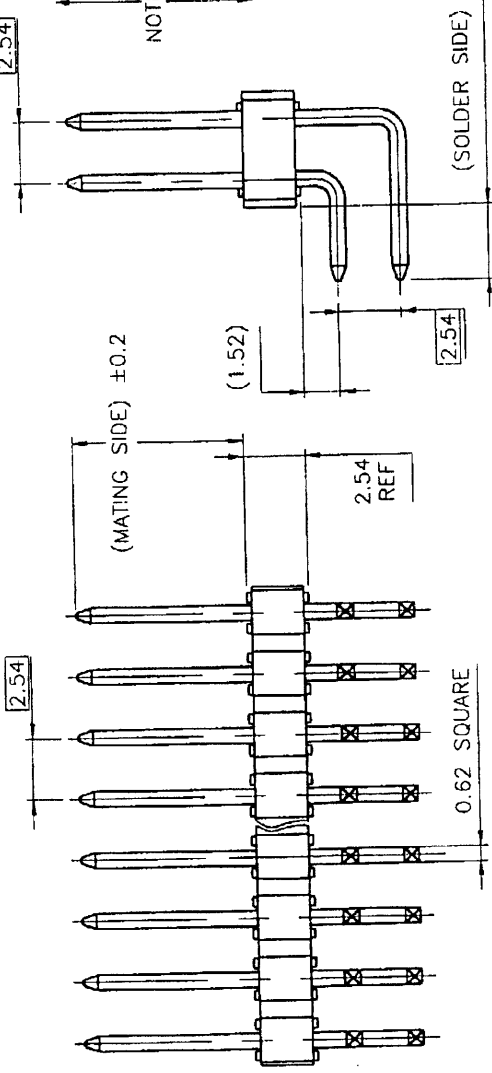
NOTE 4

(MATING SIDE) ±0.2

(1.52)

0.62 SQUARE

(SOLDER SIDE) ±0.25



mat'l. code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		ELECTRONICS	
ltr	bcn no	dr	date	linear	angular	projection	title	product family	code
S	F00141	LMUJ	00.02.28	linear		mm	UNSHR.HEADER	BERGSTIK	21.3
T	F10119	DLE	01.01.24			mm	RA DR TMT		sheet
U	F10183	LMUJ	01.03.30	angles		mm			1 of 2
				D.L.E	01.01.24				
				J.M.C	01.01.24				
				J.M.C	01.01.24	scale			
				J.F.N	01.01.24	5:1			
sheet index	revision	U	U	app'd					
	sheet	1	2						

CATALOGUE RANGE		
PLATING	PIN STYLE	MATING SOLDER
1/4/8	03	5.84 2.54
1/4/8	04	5.84 3.05
1/4/8	12	6.8 3.05

PLATING  
 1 = 0.76µm GOLD ON CONTACT AREA  
 3.81µm TIN-LEAD ON TAIL  
 4 = 3.81µm TIN-LEAD ON CONTACT AREA  
 AND ON TAIL  
 8 = 0.38µm GOLD ON CONTACT AREA  
 3.81µm TIN-LEAD ON TAIL

APPLICATION SPECIFIC		
PLATING	PIN STYLE	MATING SOLDER
1/4/8	01	5.72 2.57
1/4/8	14	10 2.7

PLATING  
 1 = 0.76µm GOLD ON CONTACT AREA  
 3.81µm TIN-LEAD ON TAIL  
 4 = 3.81µm TIN-LEAD ON CONTACT AREA  
 AND ON TAIL  
 8 = 0.38µm GOLD ON CONTACT AREA  
 3.81µm TIN-LEAD ON TAIL

mail code		tolerances unless otherwise specified		CUSTOMER COPY		FCI ELECTRONICS www.fciconnect.com	
lit	PCN NO	dr	table	projection	UNSHR.HEADER		
S	F00141	LMU	00.02.28		RA DR IMT		
T	F10119	DLE	01.01.24	mm	product family	BERGSTIK	code
U	F10183	LMU	01.03.30	angles	size	Dwg no	213
		dr	D.L.E	01.01.24	scale	A3	2 of -
		envt	JM.C	01.01.24			
		chr	JM.C	01.01.24			
		appd	JF.N	01.01.24			
sheet index	revision sheet						