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Interactive product catalog

BergStik® Header Straight, 2.54 mm

- Customer drawing
- Product specification

77311-818-36



FCI basics

**QUICK SHIP
SAMPLES**

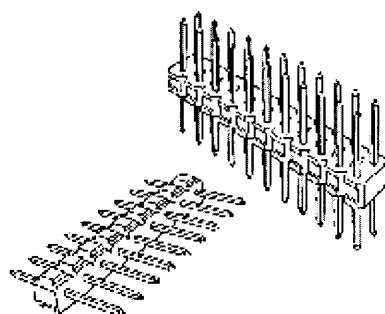
SEARCH BY :

→ Part number

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

- Fiber optics
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- Product literature
- Technical library

BergStik® Headers



4129428

Features Selected

# of Rows	1
# of Positions per Row	36
Mounting Style	Board thru-mount
Plating Specification	Selective gold plated, class 3
Mating Length	5.84 mm (0.230 in.)
Tail Length	3.05 mm (0.120 in.)

Other Properties

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

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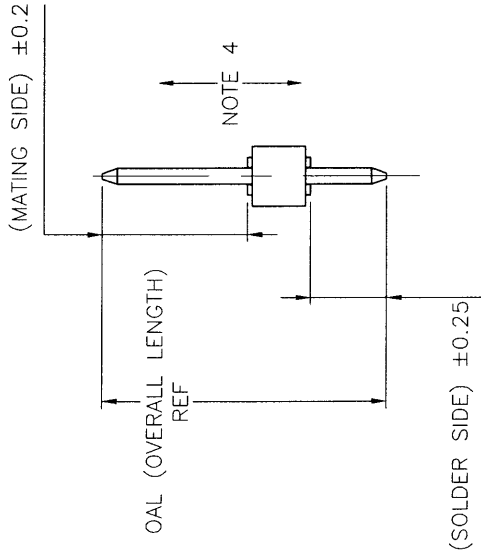
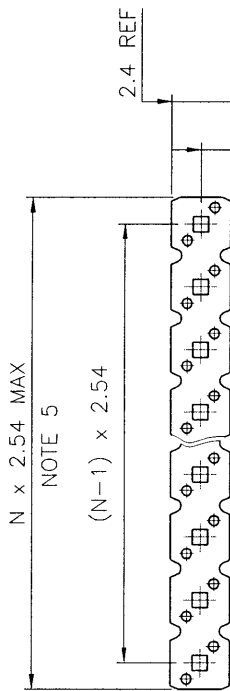
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PRODUCT NUMBER

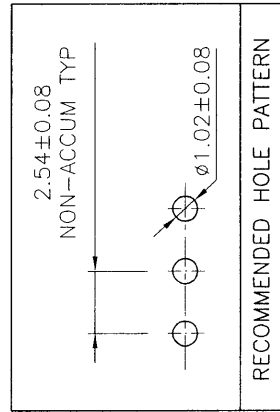
77311-YXX-XX

- 1 - TOTAL NB OF POSITIONS 02 TO 36
- 2 - PIN STYLE SEE SHEET 2
- 3 - PLATING SEE SHEET 2

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- NOTES:
- 1 - HOUSING MAT'L : 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
EXAMPLE : 8 POS N x 2.54 = 20.32mm



mat'l. code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		ELECTRONICS	
ltr	ecrn no	dr	date	projection	mm	scale	code	www.fciconnect.com	
AH	F80362	VMU	98.06.16	linear			213	UNSHR.HEADER	
AJ	F10119	DLE	01.01.24					STR SR JMT	
AK	F10316	LMU	01.05.15	angles				product family: BERGSTIK	
AL	F10381	LMU	01.07.25	dr	D.L.E	01.01.24		size: dwg no	
AM	F10397	LMU	01.08.16	engr	JM.C	01.01.24		sheet	
				chr	JM.C	01.01.24		1 of 2	
				appd	JF.N	01.01.24		A3 77311	
sheet index	revision	AM	AJ						
	sheet	1	2						

CORE RANGE			
PLATING	PIN STYLE	MATING	SOLDER
1	01	5.84	2.41
1	18	5.84	3.05

OAL 10.8
11.43

PLATING
1 = 0.76µm GOLD ON CONTACT AREA
3.81µm TIN/LEAD ON TAIL

CATALOGUE RANGE			
PLATING	PIN STYLE	MATING	SOLDER
4/8	01	5.84	2.41
1/4/8	02	5.84	3.42
4/8	18	5.84	3.05
1/4/8	22	7.75	3.05
1/4/8	24	6.75	2.9
1/4/8	27	6.6	2.65

OAL 10.8
11.8
11.43
13.35
12.2
11.8

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

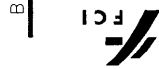
APPLICATION SPECIFIC			
PLATING	PIN STYLE	MATING	SOLDER
1/4/8	20	15.37	3.04
1/4/8	26	15.57	2.84
1/4/8	29	17.5	3.46
1/4/8	32	10.3	3.05
1/4/8	38	5.84	3.82
1/4/8	85	5.72	8.51

OAL 20.95
20.95
23.5
15.9
12.2
16.76

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
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ltr	ecn no	dr	date	projection	title	product family	code
AE	F80362	VMD	98.06.26	linear	UNSHR.HEADER	STR SR TMT	213
AF	F10119	DLE	01.01.24	mm	STR SR TMT	product family	code
AG	F10316	LMU	01.05.15	angles		size	dwg no
AH	F10381	LMU	01.07.25	dr		scale	sheet
AJ	F10397	LMU	01.08.16	engr		A3	2 of -
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		appd		JF.N			
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