



Product catalog

High speed

FCI Basics+

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Employment



Interactive product catalog

BergStik® Header Straight, 2.54 mm

→ Customer drawing



→ Product specification



77311-818-36

FCI *basics*QUICK SHIP
SAMPLES

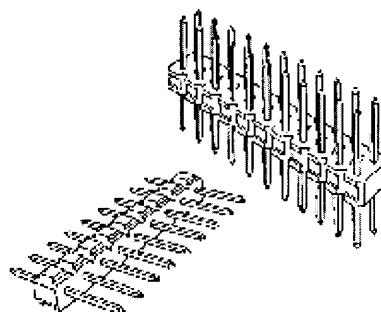
SEARCH BY :

→ Part number

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

- Fiber optics
- Systems & Assemblies
- Custom products
- 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

Back

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PRODUCT NUMBER

77311-YXX-XX

TOTAL NB OF POSITIONS 02 TO 36

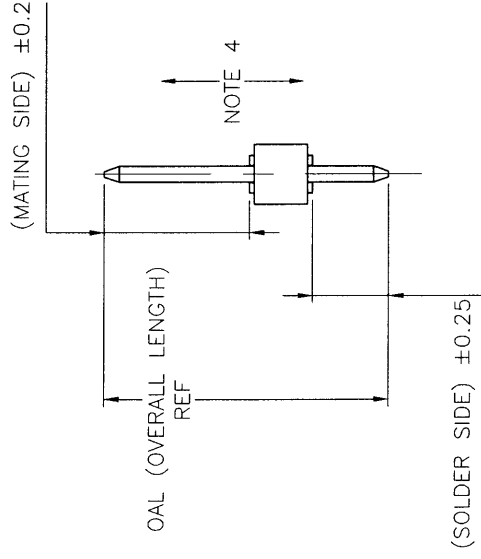
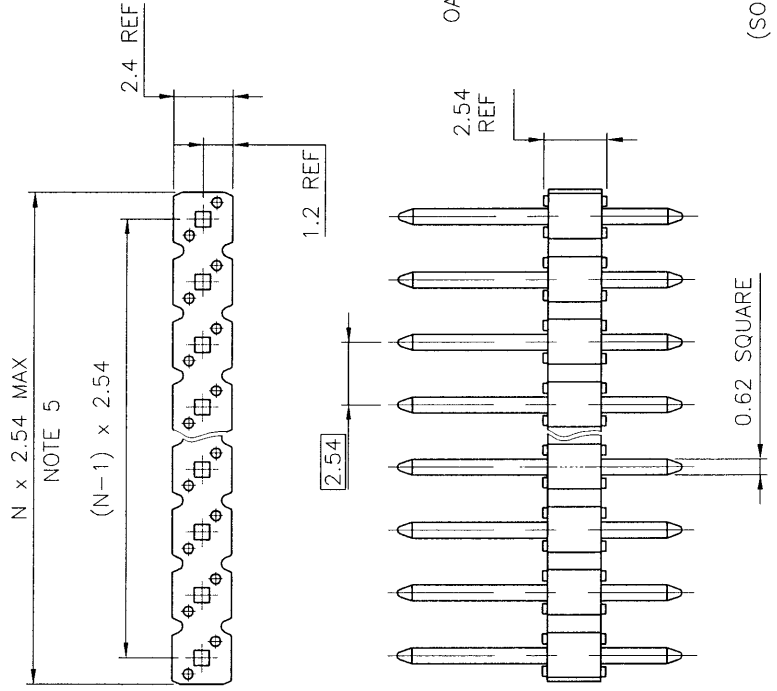
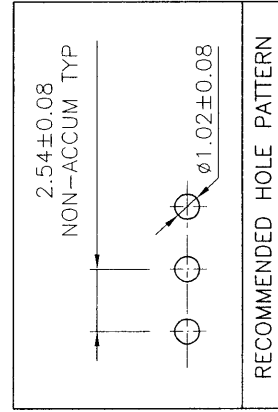
PIN STYLE SEE SHEET 2

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	
litr	ecrn	no	dr	date		projection		FCI	www.fciconnect.com
AH	F80362	VM0	98.06.16	linear				UNSHR.HEADER	
AJ	F10119	DLE	01.01.24					STR SR IMT	
AK	F10316	LMU	01.05.15	angles				product familyBERGSTIK	
AL	F10381	LMU	01.07.25	dr	D.LE	01.01.24		code	
AM	F10397	LMU	01.08.16	engr	JM.C	01.01.24		size dwg no	
				chr	JM.C	01.01.24		scale	
				appd	JF.N	01.01.24		A3	
				revision	AM			77311	
sheet				1				1 of 2	
index				2					

CORE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
1	01	5.84	2.41	10.8
1	18	5.84	3.05	11.43
PLATING 1 = 0.76µm GOLD ON CONTACT AREA 3.81µm TIN/LEAD ON TAIL				

CATALOGUE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
4/8	01	5.84	2.41	10.8
1/4/8	02	5.84	3.42	11.8
4/8	18	5.84	3.05	11.43
1/4/8	22	7.75	3.05	13.35
1/4/8	24	6.75	2.9	12.2
1/4/8	27	6.6	2.65	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	OAL
1/4/8	20	15.37	3.04	20.95
1/4/8	26	15.57	2.84	20.95
1/4/8	29	17.5	3.46	23.5
1/4/8	32	10.3	3.05	15.9
1/4/8	38	5.84	3.82	12.2
1/4/8	85	5.72	8.51	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 8 = 0.38µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL				

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ltr	ecn	no	dr	date	projection	title	product family	code
AE	F80362	VMO	98.06.26	linear		UNSHR.HEADER STR SR TMT	STR SR TMT	code 213 sheet 2 of -
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