



FCIconnect.com

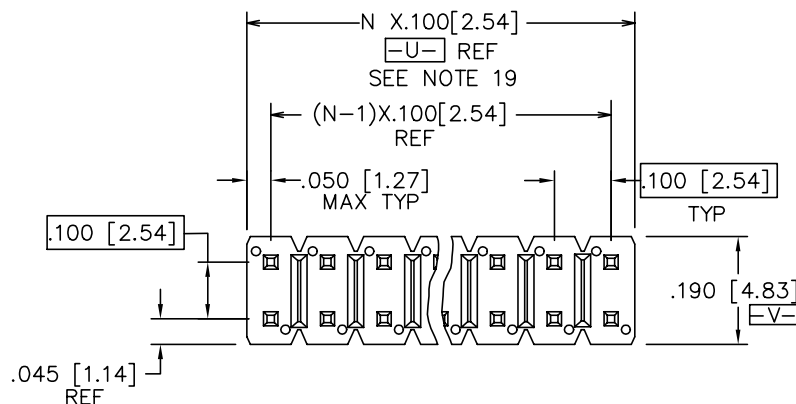
Copyright FCI

PRODUCT NUMBER
XXXXX-YYYHPLF

- LEAD FREE OPTION
SEE NOTE 1,13
- SPECIAL OPTIONS
SEE NOTE 1 OR 10
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF
POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.

67996-X XX-XXX XXX LF

- TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128
(SEE NOTE 16 & 17)
- MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255
(SEE NOTE 16 & 17)
- TOTAL NUMBER OF POSITIONS
FROM 2 (2X1) THRU 72 (2X36) POS.
- PIN PLATING (SEE NOTE 14)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au
- BASE PART NO.
DOUBLE ROW

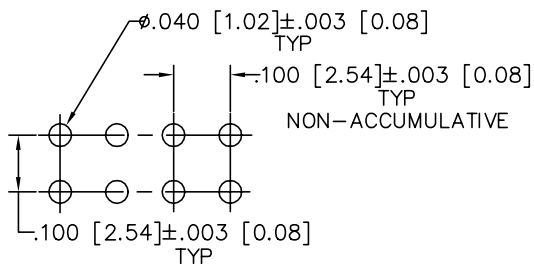


TOP VIEW

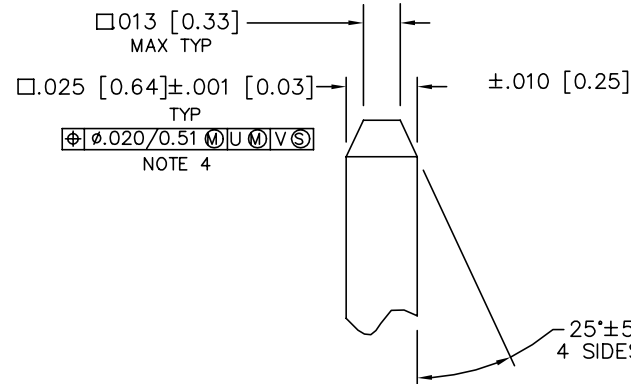


SIDE VIEW

END VIEW



RECOMMENDED HOLE PATTERN



DETAIL P
SCALE 5:1
TYP BOTH ENDS

mat'l. code NOTE 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ISO 1101	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 2:1	title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT			
DF	N11-0180	J.Z	2011-05-31	angles	linear		dwg no 67996			
DG	ELX-N-13471	J.Z	2011-11-16							
DH	ELX-N-16105	ZK	2013-10-22	0° ± 2'						
				dr	T.BREWBAKER	12/21/94	sheet 1 of 8 size A3			
				enrg	T.HANNA	12/21/94				
				chr	J.MURPHY	12/21/94				
				appd	T.HANNA	12/21/94	type Product Customer Drawing			
sheet index	revision sheet	DH	...	DH	8					

PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)

HIGH TEMPERATURE MATERIAL:

PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC.

NUMBER OF POSITIONS :

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).
-X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3
FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 45,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:

PACKAGED IN POLY BAGS.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED
IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "G" ARE PACKAGED
IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES
WITH A PICKUP CAP APPLIED.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED 
IN TAPE/REEL WITH PICKUP CAP P/N 95730-003 APPLIED, PER BUS-14-345.

LEAD FREE:

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE
OPTION, NOT AVAILABLE FOR -5YY,-5YYH, -6YY & -6YYH

2. BODY MATERIAL:

BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER
REINFORCED OR MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK

BERGSTRIIP™ PRODUCED WITH HIGH TEMPERATURE LCP
THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK

PART NUMBERS WITH "H" AND WITHOUT SUFFIX WILL WITHSTAND EXPOSURE
TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

3. PIN MATERIAL: PHOS BRONZE.

4. MEASURED WITH PART IN RESTRAINED CONDITION.

5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.

6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

7. MILITARY BERGSTIK HEADER
P/N XXXXX-XY-MIL
NOT AVAILABLE.

8. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT
INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00
APPLIES.

9. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.

10. BERGSTRIIP™ PART NUMBERS FOLLOWED BY
BY A "B" ARE BULK PRICED.

11. TAIL LENGTH (DIM. G) TO BE ±.008/.020.

12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED,
BUT FLATNESS AND CURVATURE MAY NOT BE
HELD AS CLOSE AS 36 POSITIONS.

13. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

14. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL,
OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

15. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."

16. THE OAL DON'T EXCEED 34.5mm

17. INCREMENTS BY 0.1mm IN LENGTHS ONLY

18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

19. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

mat'l. code					surface			tolerance		projection		product family		
NOTE 2 & 3					ISO 1302 ✓			ISO 406				BERGSTIK		
ISO 1101					ISO 1101									
ltr					tolerances unless otherwise specified							title		
ecn no					dr							BERGSTIK II HEADER D/R		
date					angles					INCH/MM				
DG					linear					scale 2:1				
					0°±2°					.100/2.54cc STRAIGHT				
					dr					dwg no				
					T.BREWBAKER					sheet 2 of 8				
					12/21/94					size				
					enrg					67996				
					12/21/94					A3				
					chr					type				
					J.MURPHY					Product				
					12/21/94					Customer				
					appd					Drawing				
					T.HANNA									



Copyright FCI

D

form: A3

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

1				2		3						4		5		6			
PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH						BERGSTRIPTM	LF							
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING		NOTES	AVAILABLE	OPTION								
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC													
69132-XY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS/TUBES		---	---	NO	OB NOTE 1,13							
69133-XY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS		-		NO								
69157-XY	0.410	10.41	0.110	2.79	0.200	5.08	POLY BAGS		-		NO								
71217-XYH	1.000	25.40	0.450	11.43	0.450	11.43	POLY BAGS		---	---	NO	OB							
71222-XYH	0.850	21.59	0.250	6.35	0.500	12.70	POLY BAGS		---	---	NO	OB							
72273-XYH	0.725	18.42	0.110	2.79	0.515	13.08	POLY BAGS		---	---	NO	OB							
72448-XYH	0.658	16.71	0.172	4.37	0.386	9.80	POLY BAGS		---	---	NO	OB							
72455-XYH	0.598	15.19	0.180	4.57	0.318	8.08	POLY BAGS		---	---	NO	OB							
72455-632HG	0.598	15.19	0.180	4.57	0.318	8.08	GPAX		NOTE 1		NO	OB							
73503-XYH	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS		---	---	NO	OB							
73596-XYH	0.795	20.19	0.110	2.79	0.585	14.86	POLY BAGS		---	---	NO	OB							
74317-XYH	0.532	13.51	0.309	7.85	0.123	3.12	POLY BAGS		NOTE 11		NO	OB							
74318-XYH	0.592	15.04	0.369	9.37	0.123	3.12	POLY BAGS		NOTE 11		NO	OB							
74999-XYH	0.508	12.90	0.090	2.29	0.318	8.08	POLY BAGS		---	---	NO	OB							
78212-XY	0.710	18.03	0.350	8.89	0.260	6.60	POLY BAGS		---	---	NO	OB							
78233-XY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS		-		NO								
78269-XY	0.385	9.78	0.095	2.41	0.190	4.83	POLY BAGS		---	---	NO							OB	
78286-XY	0.500	12.70	0.160	4.06	0.240	6.10	POLY BAGS/TUBES		---	---	NO							OB	
78932-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78933-XY	0.695	17.65	0.285	7.24	0.310	7.87	POLY BAGS		---	---	NO							OB	
78988-XY	0.540	13.72	0.135	3.43	0.305	7.75	POLY BAGS		---	---	NO							OB	
78989-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78990-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78991-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78992-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78993-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-								
78994-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE				-		-							NOTE 1,13	

mat'l. code				surface		tolerance		projection		product family							
NOTE 2 & 3				ISO 1302		ISO 406				BERGSTIK							
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title							
DH						linear		INCH/MM		BERGSTIK II HEADER D/R							
						0'±2"		scale 2:1		.100/2.54cc STRAIGHT							
						dr		T.BREWBAKER		12/21/94		dwg no		sheet 5 of 8		size	
						enr		T.HANNA		12/21/94		67996				A3	
						chr		J.MURPHY		12/21/94		type		Product		Customer	
						app		T.HANNA		12/21/94		Drawing					
sheet index	revision sheet																

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[67998-272](#) [68439-150](#) [68439-272](#) [68737-328](#) [68743-232](#) [69132-172](#) [78286-272H](#) [79271-372](#) [86834-172](#) [87381-110H](#) [68716-272](#) [67996-272H](#) [68438-208H](#) [68438-472H](#) [68438-572](#) [68439-212H](#) [68737-160H](#) [68737-272](#) [68749-472H](#) [68783-372](#) [68799-172](#) [68799-472](#) [78269-206](#) [95645-272HLF](#) [95727-172HLF](#) [95727-472HLF](#) [78269-206HLF](#) [79242-172HLF](#) [87381-230HLF](#) [87381-272HLF](#) [87382-226HLF](#) [87382-234HLF](#) [87869-272HLF](#) [89542-272HLF](#) [94010-272HLF](#) [68438-338H](#) [68438-338HLF](#) [68438-368HLF](#) [68439-172H](#) [68716-172H](#) [68716-472HLF](#) [68734-172HLF](#) [68737-272HLF](#) [68738-472HLF](#) [68743-272HLF](#) [68749-372HLF](#) [68783-272HLF](#) [68783-372HLF](#) [68783-472HLF](#) [68799-272H](#) [68799-472HLF](#) [69132-172HTLF](#) [69132-272HLF](#) [69132-472HLF](#) [72273-464HLF](#) [68438-206HLF](#) [55030-202HLF](#) [55030-204HLF](#) [55030-206HLF](#) [68438-234HLF](#) [68438-314HLF](#) [68438-316HLF](#) [68601-102HLF](#) [68601-120HLF](#) [68601-128HLF](#) [68601-136HLF](#) [68601-152HLF](#) [68737-404HLF](#) [68737-410HLF](#) [68738-152HLF](#) [69132-140HLF](#) [78269-102HLF](#) [78286-148HLF](#) [68481-172LF](#) [87381-220H](#) [87381-572H](#) [87382-226](#) [87382-234](#) [88886-172H](#) [93217-172H](#) [95645-272H](#) [67999-272HLF](#) [68438-104HLF](#) [68438-208HLF](#) [68438-272HLF](#) [68600-472HLF](#) [68601-126HLF](#) [68738-272HLF](#) [68749-472HLF](#) [68783-116HLF](#) [78269-472HLF](#) [78286-272HLF](#) [78933-472HLF](#) [79271-126HLF](#) [79271-172HLF](#) [86827-172HLF](#) [86827-272HLF](#) [86827-472HLF](#) [86836-172HLF](#) [86836-472HLF](#)