

PRODUCT NUMBER
5 6 1 3 2- X X X - X X - X X X X

PLATING
S=15μ"[0.38μm]GOLD
ON CONTACT AREA
120μ"[3.0μm]TIN/LEAD
ON TAIL
G=30μ"[0.76μm]GOLD
ON CONTACT AREA
120μ"[3.0μm]TIN/LEAD
ON TAIL
T=120μ"[3.0μm]TIN/LEAD
ON CONTACT AREA
AND ON TAIL(SEE NOTE 9).

PIN STYLE	OAL
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
20	1.030/26.16
22	1.130/28.70
24	1.230/31.24
26	1.330/33.78

POSITIONS PER ROW
01 TO 36

STACK HEIGHT
NOTE 6

(POST LENGTH)
NOTE 7
REF

OAL
(OVERALL LENGTH)
REF

(STACK HEIGHT)
NOTE 6

±.010
±.250
.330
8.38
(TAIL LENGTH)

LEAD FREE
NOTE 10 & 11

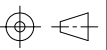
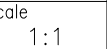
LEAD FREE PRODUCT NUMBER
5 6 1 3 2- X X X X X X X X X LF

PLATING
S=15μ"[0.38μm]GOLD
ON CONTACT AREA
100μ"[2.54μm]TIN
ON TAIL
G=30μ"[0.76μm]GOLD
ON CONTACT AREA
100μ"[2.54μm]TIN
ON TAIL
T=100μ"[2.54μm]TIN
ON CONTACT AREA
AND ON TAIL(SEE NOTE 13)

PIN STYLE	OAL
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
20	1.030/26.16
22	1.130/28.70
24	1.230/31.24
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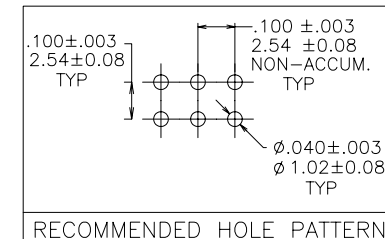
POSITIONS PER ROW
01 TO 36

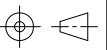
STACK HEIGHT
NOTE 6

mat'l. code SEE NOTES 1 & 2				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/0.3		
A	V92812	DAI	08/24/99		.XXX ±.005/0.13	 projection	title UNSHROUDED HDR. D/R STACK, THRU HOLE
B	V21476	GIP	09/17/02		.XXX ±.0020/0.051		
C	M05-0118	MHT	6/03/05	angles	0° ±2°	 scale	product family BERGSTIK size dwg no A 56132
				dr	D.INGRAM 06/02/99		
				enr	H.SUNDY 07/21/99	INCH/MM 1:1	code 213 sheet 1 of 2
				chr	H.SUNDY 07/21/99		
				appd	H.SUNDY 07/21/99	cage code 22526	4
sheet index	revision sheet	C	C				
		1	2				

NOTES:

- ①. HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
- ②. PIN MATERIAL: PHOSPHOR-BRONZE
- ③. TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW.
EXAMPLE: 10 POS., N x .100/2.54=1.00/25.4
- ④. 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION
5. PACKAGED IN POLY BAGS.
- ⑥. STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS.
EXAMPLE FOR STACKER HEIGHT: 0 5 0 0 = .500 IN.
- ⑦. POST LENGTH IS DETERMINED BY: (OAL)-(TAIL LENGTH)-(STACK HT.)=POST LENGTH
8. UNDERPLATING: 50μ"/1.27μm Ni.
9. PIN TIPS ON TIN/LEAD PLATED PRODUCT MAY HVE BARE METAL ON TWO SIDES,
BOTH ENDS.
- ⑩. PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
- ⑪. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW
OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE OR
FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm
MINIMUM THICK CIRCUIT BOARD.
- ⑬. "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com			
ltr	ecn no	dr	date	linear	.XX ±.01/0.3		title			
C					.XXX ±.005/0.13	projection				
					.XXX ±.0020/0.051					
				angles	0° ±2°	INCH/MM	product family BERGSTIK			
				dr	M.HERNANDEZ	6/03/05	size			
				enr	S.FIERRO	6/03/05	dwg no			
				chr	S.FIERRO	6/03/05	A			
				appd	S.FIERRO	6/03/05	56132			
sheet	index	revision	sheet							