

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

STACK HEIGHT
NOTE 6
POSITIONS PER ROW
01 TO 36

(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 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)

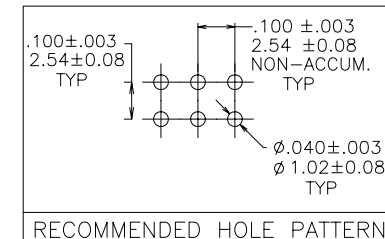
PIN STYLE	OAL
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
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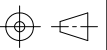
STACK HEIGHT
NOTE 6
POSITIONS PER ROW
01 TO 36

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

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°		UNSHROUDED HDR. D/R STACK, THRU HOLE			
				dr	M.HERNANDEZ	6/03/05	INCH/MM	product family		code
				enr	S.FIERRO	6/03/05		size/ dwg no		213
				chr	S.FIERRO	6/03/05		A		sheet
				appd	S.FIERRO	6/03/05		56132		2 of
sheet index	revision sheet						scale 1:1			