



PRODUCT NUMBER

76977-XYLF

- LEAD FREE OPTION (NOTE 6)
- NO. FOR LENGTH VARIATION
SEE TABULATION
- PLATING - SEE TABLE
- BASE P/N

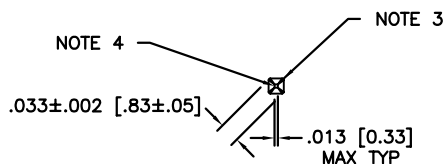
PRODUCT NUMBER
NOTE 6

PLATING

UNDERPLATING

76977-1YY	30μ"/.76μ MIN Au	50μ"/1.27μ MIN Ni
76977-1YYLF		
76977-3YY	50μ"/1.27μ MIN Au	50μ"/1.27μ MIN Ni
76977-3YYLF		
76977-4YY	120μ"/3.05μ MIN 93/7 SnPb	50μ"/1.27μ MIN Ni
76977-4YYLF	100μ"/2.54μ MIN Sn (NOTE 7)	50μ"/1.27μ MIN Ni
76977-5YY	30μ"/.76μ MIN GXT™	50μ"/1.27μ MIN Ni
76977-5YYLF		
76977-6YY	15μ"/.38μ MIN GXT™	50μ"/1.27μ MIN Ni
76977-6YYLF		
76977-9YY	15μ"/.38μ MIN Au	50μ"/1.27μ MIN Ni
76977-9YYLF		

DISCONTINUED

.021 [.53]
REF TYP

DIM L

□ .025±.001 [.64±.03]

NOTE 5

NOTES:

- ① PIN MATERIAL : PHOS. BRONZE
ALLOY-UNSC51000, TENSILE STRENGTH
660-790 MPS/96000-115000 PSI.
2. BURNISH MARKS ON PIN PERMITTED.
3. .003/0.08 R MAX TYP 4 PLACES ON PIN.
- ④ TWO SIDES OF LEAD-IN NOT PLATED TYP
BOTH ENDS.
- ⑤ STRAIGHTNESS FOR DIM L IS :
.005/0.13 < OR = 1.00/25.4
.006/0.15 : 1 > 1.00/25.4
- ⑥ ADD AN LF SUFFIX TO PART NUMBERS FOR PRODUCT
THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑦ THIS PRODUCT HAS 100% TIN PLATING IN THE
INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER
GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

PRODUCT NUMBER NOTE 6	OVERALL LENGTH
76977-X01	1.095/27.81
-X02	.780/19.81
-X03	.943/23.95
-X04	1.043/26.49
-X05	.925/23.50
-X06	.755/19.18
-X07	.569/14.45
-X08	.450/11.43
-X09	.540/13.72
-X10	.543/13.79
-X11	.740/18.80
-X12	1.030/26.16
-X13	.850/21.59
-X14	.880/22.35
-X15	.640/16.26
-X16	.813/20.65
76977-X17	.600/15.24

mat'l code				surface		tolerance		projection		product family	
NOTE 1				ASME Y14.5		ASME Y14.5		INCH/MM		PIN PRODUCTS	
ltr	ecp no	dr	date	tolerances unless otherwise specified						title	
D	V61399	EPK	11/11/96	angles		XX ±.01/XX±3				BERGPIN®	
E	V71553	HTB	11/5/97			XXX ±.005/XXX±8				LOOSE PIECE	
F	V01595	JRW	7/11/00	0° ±2°		XXXX ±.0020/XXX±.051		scale 4:1		dwg no	
G	V05-0399	HTB	4/28/05	dr		E. KROPIEWNICK 11/11/96				sheet 1 of 1	
H	V06-0694	HTB	2006-07-25	engr		T. BREWBAKER 11/11/96				size	
				chr		T. BREWBAKER 11/11/96				A4	
				appd		T. BREWBAKER 11/11/96				type	
sheet	revision	H								CUSTOMER Drawing	
index	sheet	1									