

PRODUCT NO.  
SEE NOTE 1

1 | 2 | 3 | 4 | 5 | 6 |

A

1

Technical drawing of a mechanical part showing a stepped profile. The drawing includes the following dimensions and feature callouts:

- Top horizontal dimension:  $.002:1$  (indicated by a box)
- Right side dimension:  $.275^{+.005}_{-.000}$  [ $6.98^{+.12}_{-.00}$ ]
- Bottom left dimension:  $.025$  [ $0.63$ ]
- Bottom center dimension:  $.100$  [ $2.54$ ] TYP.
- Bottom right dimension:  $\oplus .020/.51$  (M) A (S) B
- Bottom center note: DIM. "B"

Technical drawing showing a mechanical part with a note for dimension .460[11.68] and a note for dimension .500[12.70]. The drawing includes a note at the bottom left: NOTE 5 -B-

20

8

Copyright FCI

1

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified			
H	V41291	MDF	9/8/94	angles	.XX±.01/.3	INCH/MM	title
J	V50348	LSS	6/15/95	linear	.XXX±.005/.13		4 ROW VERTICAL RECEPTACLE
K	W80357	MSC	3/3/98	0°±2°	.XXXX±.0020/.05	scale 1:1	SOLDER TO BOARD, 1 GUIDE PIN
L	C80026	MSC	3/12/98	dr	S.ROYER	8/7/91	dwg no
M	V90157	HTB	2/19/99	engr	S.CLARK	8/7/91	sheet 1 of 2
N	V00258	JWS	1/21/00	chr	S.CLARK	8/14/91	size
P	M06-0260	MHT	7/07/06	appd	S.CLARK	8/14/91	50327
sheet	revision	P	P				A3
index	sheet	1	2				

form:  $A^3$

1	2	3	4	5	6
PRODUCT NO.	DIM.	LENGTH FORMULAS			
SEE NOTE 1	DIM A	.100/2.54 X NO. OF COLUMNS + 1.05/26.7			
	DIM B	.100/2.54 X NO. OF COLUMNS + .750/19.05			
	DIM C	.100/2.54 X NO. OF COLUMNS DIVIDED BY 2 - .100/2.54			
A	SECTION U-U	SECTION X-X	SECTION W-W	RECOMMENDED PCB LAYOUT	Copyright FCI
B			(ALL HOLES LOCATED ON .100 [2.54] GRID UNLESS OTHERWISE SPECIFIED)		
C					
D					

## NOTES:

- ① PRODUCT NUMBERING CODE:  
50327 - X YYY Z
  - TAIL LENGTH(NOTE 5)
  - NO. OF POSITIONS(NOTE 2)
  - PLATING(NOTE 4)
  - BASE NUMBER
- ② THIS PRODUCT IS CONFIGURED IN SIZES OF 80 THRU 150 COLUMNS IN INCREMENTS OF TWO. i.e.: 80,82,84,86,.....146,148,150.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK. CONTACT MATERIAL: BeCu
- ④ PLATING CONTACT AREA OPTIONS:
  - 1 = .30u"/.76u GOLD
  - 3 = .50u"/1.27u GOLD
  - 5 = .30u"/.76u GXT  
ALL SOLDER TAILS TIN/LEAD
- ⑤ TAIL LENGTH OPTIONS:
  - E = .125±.010 / 3.18±.25
  - F = .145±.010 / 3.68±.25
  - H = .180±.010 / 4.57±.25
  - Z = .220±.010 / 5.59±.25
- ⑥ MANUFACTURE'S NAME, P/N AND LOT CODE TO APPEAR ON THIS SURFACE AS PER BUS-12-108.
- ⑦ FOR DOCUMENTATION MENU, SEE BUS-01-057.

mat'l. code		surface		tolerance	projection	product family
		ISO 1302		ISO 406 ISO 1101		HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified		
P				angles	.XX±.01/.3	INCH/MM
				linear	XXX±.005/.13	
				0°±2°	XXXX±.0020/.05	scale 1:1
		dr	S.ROYER	8/7/91		
		engr	S.CLARK	8/7/91		
		chr	S.CLARK	8/14/91		
		appd	S.CLARK	8/14/91		
sheet		revision				
index		sheet				