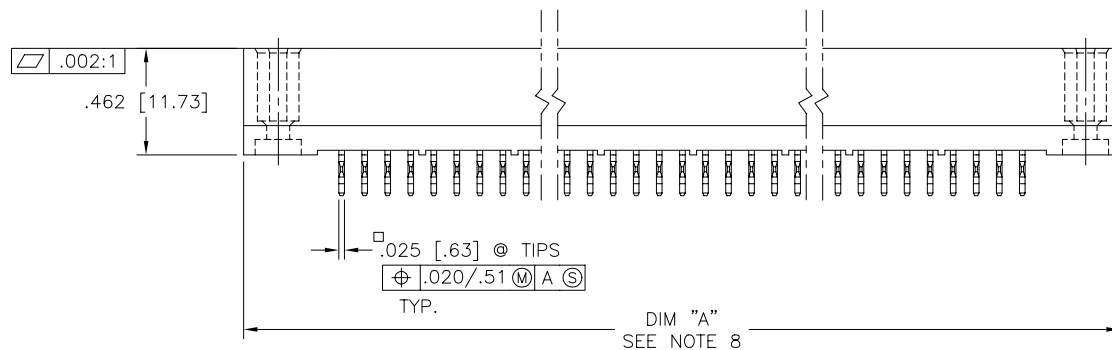
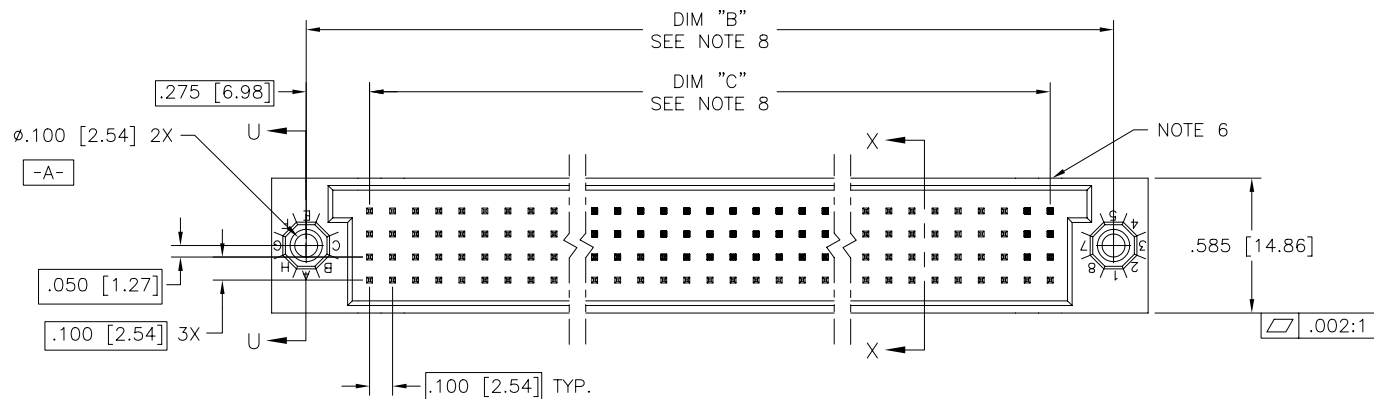




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PRODUCT NUMBER
SEE TABLE



TAIL LENGTH
SEE TABLE

mat'l. code					surface		tolerance		projection		product family			
-					ISO 1302		ISO 406 ISO 1101				HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified									
B	v40941	PDP		6/01/94	angles	linear	.XX ±.01/.3		INCH/MM	scale 1:1	title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.			
C	v50207	LSS		2/17/95			.XXX ±.005/.13							
D	v90011	HTB		1/06/99			.XXXX ±.0020/.051							
E	v00276	JWS	2/02/00	dr	P. PARSONS	4/12/94			dwg no		sheet 1 of 4		size	
F	v05-0776	DCH	8/15/05	enr	J. AFTON	4/11/95			50760		A3			
G	v05-1048	DAI	11/16/05	chr	G. PETERS	4/15/94								
H	M06-0261	AEA	7/10/06	appd	S. CLARK	4/18/94			type Product Customer Drawing					
sheet	revision	H	H	H	H									
index	sheet	1	2	3	4									
4					5					6				

form: A3

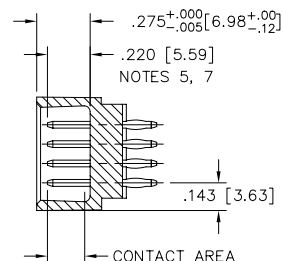
PDM: Rev:H

STATUS Released

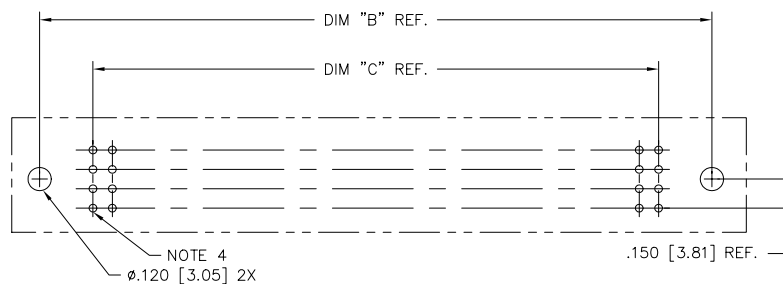
Printed: Jul 23, 2008

PRODUCT NUMBER
SEE TABLE

SECTION U-U



SECTION X-X



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100/2.54 GRID
UNLESS OTHERWISE SPECIFIED)

NOTES:

① PRODUCT NUMBERING CODE:
50760 - X YYY Z LF
LEAD FREE (OPTIONAL)
TAIL LENGTH (SEE TABLE)
NO. OF POSITIONS (NOTE 2)
PLATING (SEE TABLE)
BASE NUMBER

PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:
50760 - XXYYY LF
LEAD FREE (OPTIONAL)
SEQUENCE NUMBER
ALWAYS "XX"
BASE NUMBER

② THIS PRODUCT IS CONFIGURED IN SIZES OF 6 thru 80
COLUMNS IN INCREMENTS OF ONE.
i.e.: 6,7,8,9,.....79,80.

③ HOUSING MATERIAL: GLASS AND MINERAL FILLED
HIGH TEMP. THERMOPLASTIC, FLAME RETARDANT PER
UL94V-0. COLOR: BLACK.
PIN MATERIAL: PHOS BRONZE

④ $\phi .0453/1.151$ DRILLED HOLE PLATED WITH $.0003/.007$ MIN.
SnPb OVER $.001/.03$ to $.003/.08$ Cu. PLATING TO
ACHIEVE A $\phi .040 \pm .003/1.02 \pm .08$ HOLE.

⑤ TO ASSURE PROPER INSTALLATION: TOOLING, AS
SPECIFIED IN INSTRUCTION MANUAL 155915-001 MUST
BE USED. PIN MATING LENGTH WILL BE $\pm .002/.05$
AFTER INSTALLATION.

⑥ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR
ON THIS SURFACE PER BUS-22-108.

⑦ REFERENCE 50807 FOR F.M.L.B. AVAILABLE OPTIONS
AND WORKSHEET.

⑧ LENGTH DIMENSION CALCULATIONS:
DIM A: $.100/2.54 \times \text{NO. OF COLUMNS} + .750/19.05$
DIM B: $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$
DIM C: $.100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$

9. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

10. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE
FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE
OVEN.

mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101		HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1	title		
H					angles	linear		4 ROW VERTICAL HEADER		
						.XX ±.01/.3		MULTI-PLATED P.F. PINS, 0 G.P.		
					0°±2°	.XXX ±.005/.13 .XXXX ±.0020/.051		dwg no		
					dr	P. PARSONS 4/12/94	FCI	sheet 2 of 4 size		
					enr	J. AFTON 4/11/95		50760 A3		
					chr	G. PETERS 4/15/94		type		
					appd	S. CLARK 4/18/94		Product Customer Drawing		
sheet	revision				index	sheet				



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form: A3

PRODUCT NO.	NUMBER OF POSITIONS	PLATING: CONTACT AREA	MIN PLATING: PRESS-FIT AREA	MIN PLATING: TAIL AREA	TAIL LENGTH REF
50760-AYYYYA	YYY	30u"/0.76u Au	40u"/1.02u SnPb	40u"/1.02u SnPb	.177 / 4.50
50760-AYYYYG	YYY	30u"/0.76u Au	40u"/1.02u SnPb	40u"/1.02u SnPb	.250 / 6.35
50760-BYYYYA	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	40u"/1.02u SnPb	.177 / 4.50
50760-BYYYYALF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	40u"/1.02u Sn	.177 / 4.50
50760-BYYYYG	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	40u"/1.02u SnPb	.250 / 6.35
50760-BYYYYGLF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	40u"/1.02u Sn	.250 / 6.35
50760-CYYYYC	YYY	30u"/0.76u Au	40u"/1.02u SnPb	30u"/0.76u Au	.533 / 13.54
50760-CYYYYD	YYY	30u"/0.76u Au	40u"/1.02u SnPb	30u"/0.76u Au	.733 / 18.62
50760-DYYYYC	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	30u"/0.76u GXT	.533 / 13.54
50760-DYYYYCLF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	30u"/0.76u GXT	.533 / 13.54
50760-DYYYYD	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	30u"/0.76u GXT	.733 / 18.62
50760-DYYYYDLF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	30u"/0.76u GXT	.733 / 18.62
50760-XX003	180	30u"/0.76u GXT	30u"/0.76u GXT	Au FLASH	SEE SHEET 4
50760-XX003LF	180	30u"/0.76u GXT	30u"/0.76u GXT	Au FLASH	SEE SHEET 4

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101		HPC
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 1:1 	title
H					angles linear .XX ±.01/.3 .XXX ±.005/.13 0°±2° .XXXX ±.0020/.051		4 ROW VERTICAL HEADER
							MULTI-PLATED P.F. PINS, 0 G.P.
							dwg no 50760 sheet 3 of 4 size A3
sheet index	revision sheet						type Product Customer Drawing

PRODUCT NUMBER
50760-XX003
50760-XX003LF

SPECIAL LOAD 50760-XX003 AND 50760-XX003LF SHOWN ON THIS SHEET

	1	5	10	15	20	25	30	35	40	45	
D	B										B
C											
B											
A											

PIN
1

ITEM KEY	SIGNAL DATA			
	SIZE 4 x 45	TOTAL NO. OF POSITIONS -180	NO. OF POSITIONS LOADED - 180	
	PLATING - 30u"/.76u GXT		PRESS FIT STYLE	
	QTY.	MATING LENGTH	TAIL LENGTH	TOTAL PIN LENGTH
A	178	.180 / 4.57	.557 / 14.15	.924 / 23.47
B	2	.210 / 5.33	.587 / 14.91	.984 / 24.99

PLATING NOTE: POST-PLATED

- ALL POSITIONS ARE LOADED WITH "A", EXCEPT AS SHOWN.
- COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101		HPC
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title
H					angles linear	INCH/MM	4 ROW VERTICAL HEADER
					0°±2'	scale 1:1	MULTI-PLATED P.F. PINS, 0 G.P.
					dr P. PARSONS 4/12/94	FCJ	dwg no
					enr J. AFTON 4/11/95		sheet 4 of 4 size
					chr G. PETERS 4/15/94		50760 A3
					appd S. CLARK 4/18/94		type Product Customer Drawing
sheet index	revision sheet						