

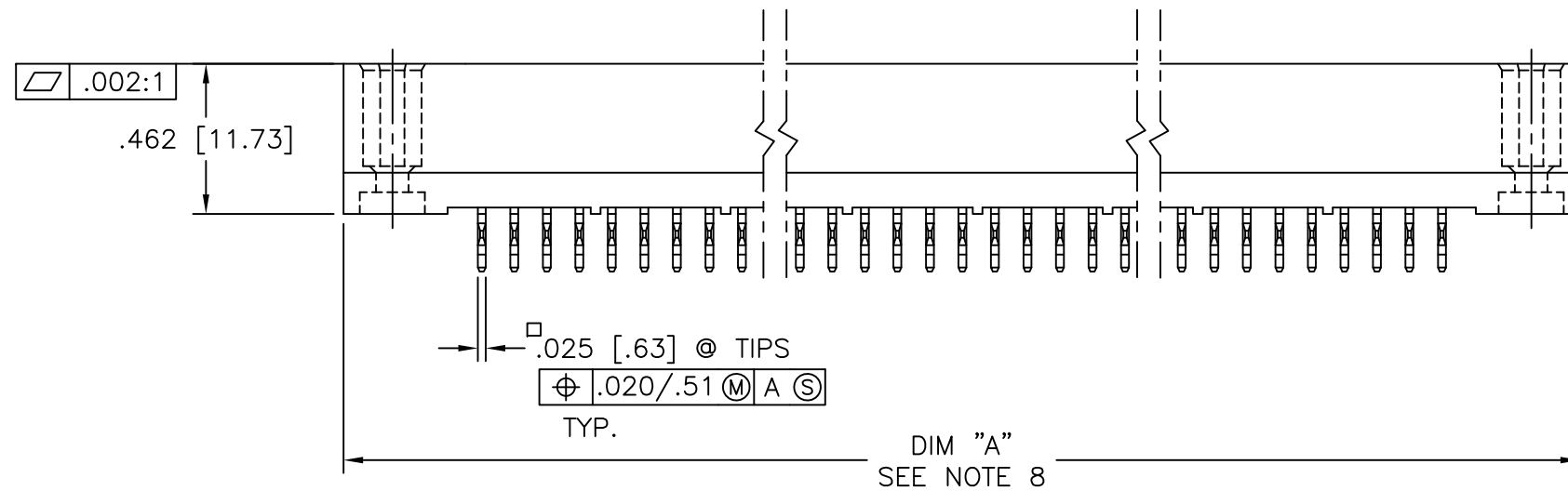
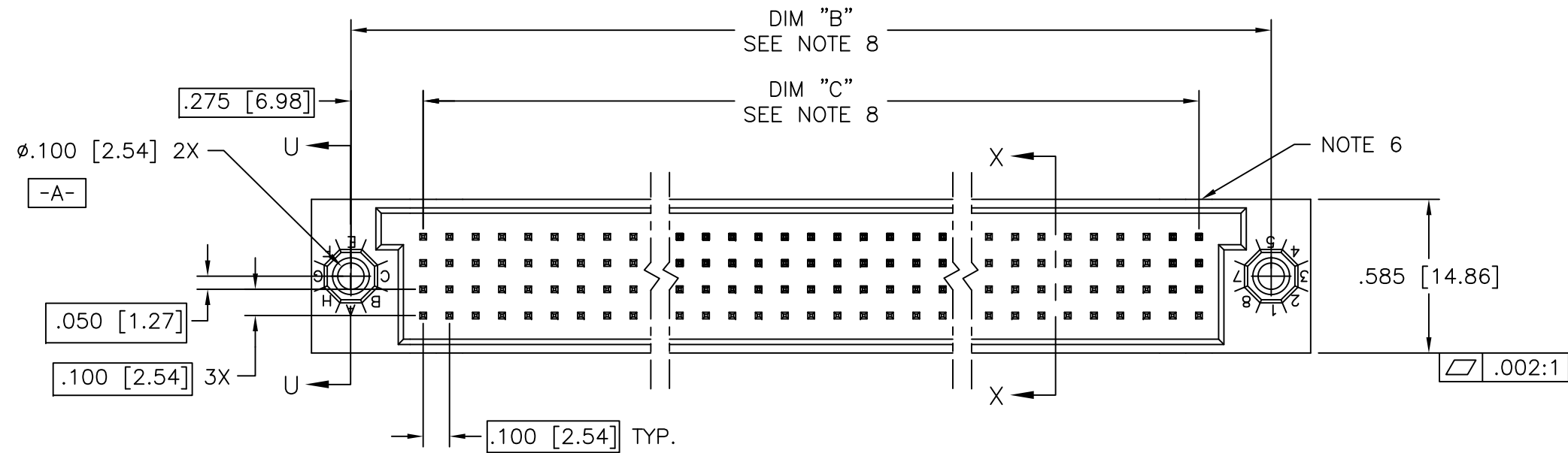


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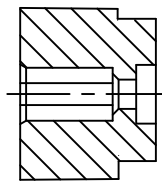
PRODUCT NUMBER

SEE TABLE

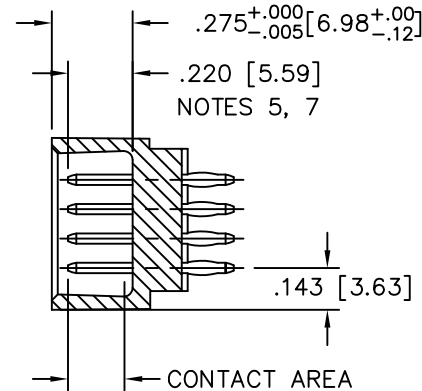


mat'l. code				surface				tolerance				projection				product family			
—				ISO 1302 ✓				ISO 406 ISO 1101								HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified												title			
J	ELX-I-19010	MJA	10/08/14	angles	linear	.xx ±.01/.3								4 ROW VERTICAL HEADER					
K	ELX-I-24967	MJA	09/19/16			.xxx ±.005/.13													
—	—	—	—			σ±2'				.xxx ±.0020/.051									
												scale 1:1				MULTI-PLATED P.F. PINS, 0 G.P.			
E	v00276	JWS	2/02/00	dr	P. PARSONS		4/12/94		Amphenol FCi				dwg no		sheet 1 of 6		size		
F	v05-0776	DCH	8/15/05	enr	M JACOB		09/19/16						50760		A3				
G	v05-1048	DAI	11/16/05	chr	ALOSIUS STALIN		09/19/16												
H	M06-0261	AEA	7/10/06	appd	BIJU K PAUL		09/19/16												
sheet		revision		K	H	K	H	J	K										
index		sheet		1	2	3	4	5	6										

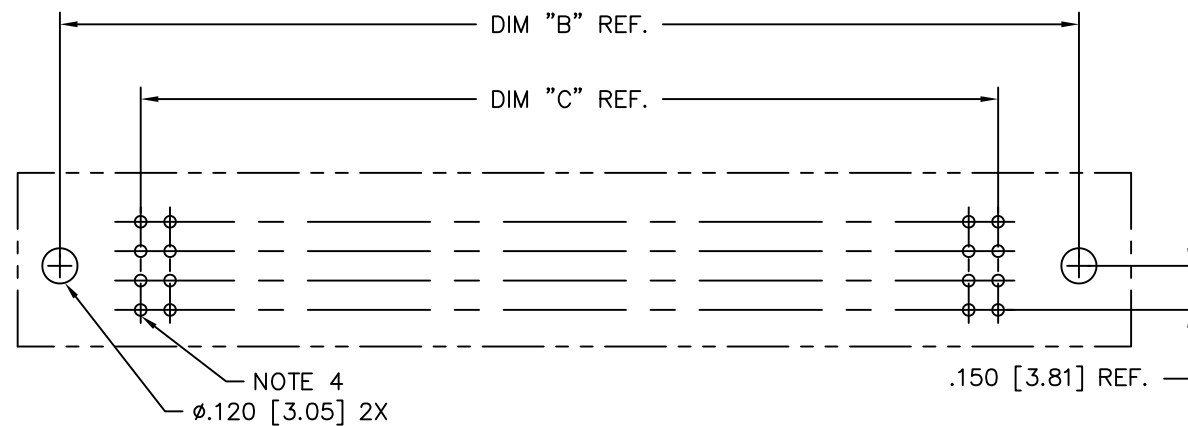
PRODUCT NUMBER
SEE TABLE



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 ϕ .0453/1.151 DRILLED HOLE PLATED WITH .0003/.007 MIN.
SnPb OVER .001/.03 to .003/.08 Cu. PLATING TO
ACHIEVE A ϕ .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 X NO. OF COLUMNS + .750/19.05
DIM B: .100/2.54 X NO. OF COLUMNS + .450/11.43
DIM C: .100/2.54 X 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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.			
H				angles	linear					
				$\sigma \pm 2'$	.xxx $\pm$.005/.13 .xxxx $\pm$.0020/.051					
				dr	P. PARSONS	4/12/94	Amphenol FCi			
				enr	J. AFTON	4/11/95				
				chr	G. PETERS	4/15/94				
				appd	S. CLARK	4/18/94				
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

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

mat'l. code —				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 			product family HPC																			
ltr		ecn no		dr		date		tolerances unless otherwise specified									title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.															
H								angles linear		.xx ±.01/.3																			INCH/MM ←→			
										.xxx ±.005/.13																						
								0°±2'				.xxxx ±.0020/.051							scale 1:1													
								dr		P. PARSONS			4/12/94			Amphenol FCi						dwg no			sheet 4 of 6						size	
								engr		J. AFTON			4/11/95									50760			A3							
								chr		G. PETERS			4/15/94																			
								appd		S. CLARK			4/18/94																			
sheet index		revision sheet																														

PRODUCT NUMBER
50760-XX036
50760-XX036LF

SPECIAL LOAD 50760-XX036 AND 50760-XX036LF SHOWN ON THIS SHEET

	1	5	10	15	20
D					
C	B	B	B	B	B
B	B	B	B	B	B
A	A	A	A	A	A
PIN 1					

ITEM KEY	SIGNAL DATA		
	SIZE 4 x 20	TOTAL NO. OF POSITIONS - 80	NO. OF POSITIONS LOADED - 60
	PLATING - 30u"/.76u Au DUPLEX		PRESS FIT STYLE
	QTY.	MATING LENGTH	TAIL LENGTH
A	20	.220 / 5.59	.250 / 6.35
B	40	.180 / 4.57	.250 / 6.35

1. ALL BLANK POSITIONS ARE NOT LOADED
2. 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	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title			
A				angles	linear					
				0°±2'		scale 1:1	4 ROW VERTICAL HEADER			
				dr	M JACOB	10/08/14	MULTI-PLATED P.F. PINS, 0 G.P.			
				enr	M JACOB	10/08/14	dwg no		sheet 5 of 6	size
				chr	ALOSIUS STALIN	10/08/14	50760		A3	
				appd	BIJU K PAUL	10/08/14	type		Product Customer Drawing	
sheet index	revision sheet									

PRODUCT NUMBER
50760-XX037LF

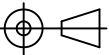
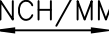
SPECIAL LOAD 50760-XX037LF SHOWN BELOW

	1	5	10	15	20															
<u>D</u>		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
<u>C</u>		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
<u>B</u>																				
<u>A</u>		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

PIN
1

ITEM KEY	SIGNAL DATA		
	SIZE 4 x 20	TOTAL NO. OF POSITIONS - 80	NO. OF POSITIONS LOADED - 60
	PLATING - 30u"/.76u Au DUPLEX		PRESS FIT STYLE
	QTY.	MATING LENGTH	TAIL LENGTH
A	20	.210 / 5.33	.250 / 6.35
B	40	.160 / 4.06	.250 / 6.35

1. ALL BLANK POSITIONS ARE NOT LOADED
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code -				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM 	title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.			
K				angles	linear					
				0°±2'		scale 1:1				
				dr	M JACOB	09/19/16				
				enr	M JACOB	09/19/16				
				chr	ALOSIUS STALIN	09/19/16				
				appd	BIJU K PAUL	09/19/16	type Product Customer Drawing			
sheet index	revision sheet									