

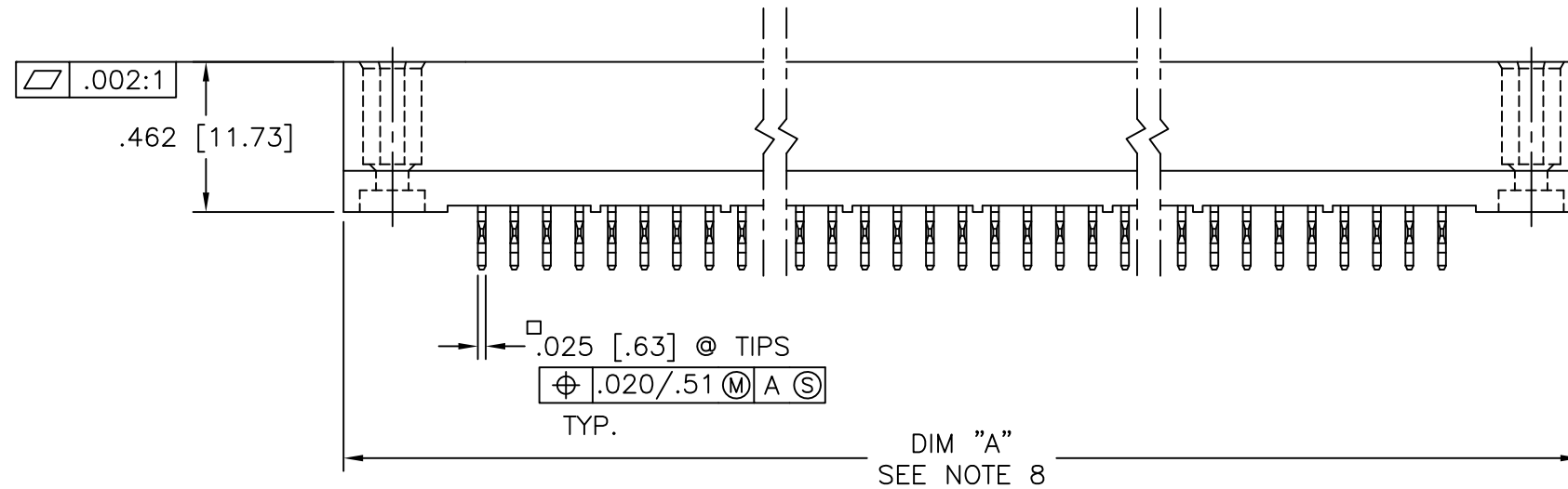
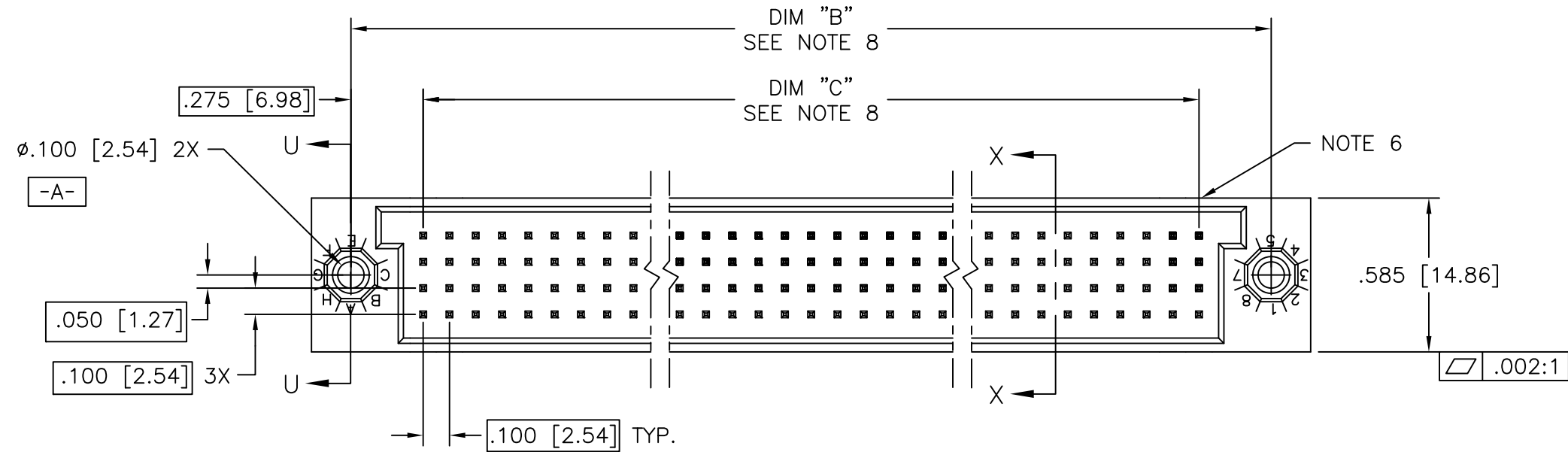


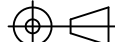
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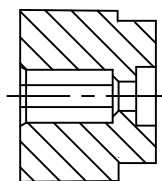
PRODUCT NUMBER

SEE TABLE

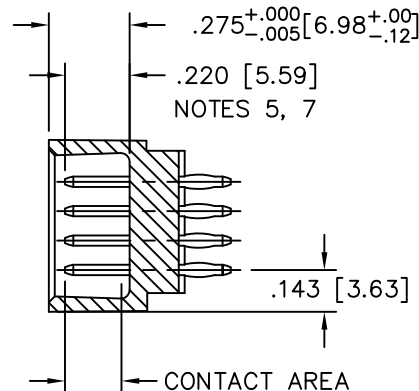


mat'l. code —				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family HPC												
ltr	ecn no		dr	date		tolerances unless otherwise specified												title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.										
J	ELX-I-19010		MJA	10/08/14		angles linear					.XX ±.01/.3				INCH/MM 													
K	ELX-I-24967		MJA	09/19/16							.XXX ±.005/.13																	
—		—		—			0'±2'				.XXXX ±.0020/.051								scale 1:1									
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								type				Product Customer Drawing					
sheet		revision		K	H	K	H	J	K																			
index		sheet		1	2	3	4	5	6																			

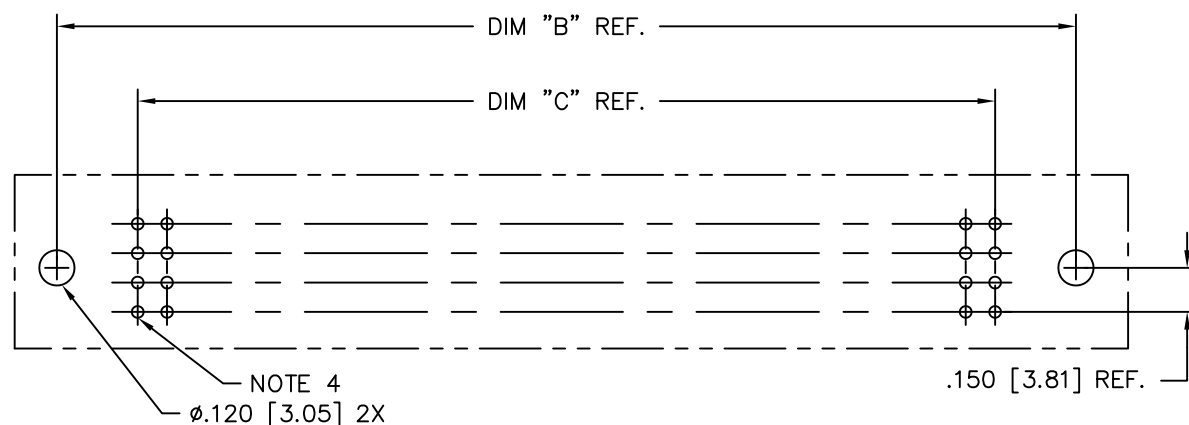
PRODUCT NUMBER
SEE TABLE



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 Ø.0453/1.151 DRILLED HOLE PLATED WITH .0003/.007 MIN.
SnPb OVER .001/.03 to .003/.08 Cu. PLATING TO
ACHIEVE A Ø.040±.003/1.02±.08 HOLE.

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

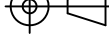
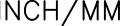
⑥ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR
ON THIS SURFACE PER BUS-22-108.

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.

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PRODUCT NO.	NUMBER OF POSITIONS	PLATING: CONTACT AREA	MIN PLATING: PRESS-FIT AREA	MIN PLATING: TAIL AREA	TAIL LENGTH REF
50760-AYYYA	YYY	30u"/0.76u Au	40u"/1.02u SnPb	40u"/1.02u SnPb	.177 / 4.50
50760-AYYYG	YYY	30u"/0.76u Au	40u"/1.02u SnPb	40u"/1.02u SnPb	.250 / 6.35
50760-BYYYA	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	40u"/1.02u SnPb	.177 / 4.50
50760-BYYALF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	40u"/1.02u Sn	.177 / 4.50
50760-BYYYG	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	40u"/1.02u SnPb	.250 / 6.35
50760-BYYGLF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	40u"/1.02u Sn	.250 / 6.35
50760-CYYYC	YYY	30u"/0.76u Au	40u"/1.02u SnPb	30u"/0.76u Au	.533 / 13.54
50760-CYYD	YYY	30u"/0.76u Au	40u"/1.02u SnPb	30u"/0.76u Au	.733 / 18.62
50760-DYYYC	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	30u"/0.76u GXT	.533 / 13.54
50760-DYYCLF	YYY	30u"/0.76u GXT	40u"/1.02u Sn	30u"/0.76u GXT	.533 / 13.54
50760-DYYD	YYY	30u"/0.76u GXT	40u"/1.02u SnPb	30u"/0.76u GXT	.733 / 18.62
50760-DYYDLF	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
50760-XX036	80	30u"/0.76u Au	40u"/1.02u SnPb	40u"/1.02u SnPb	SEE SHEET 5
50760-XX036LF	80	30u"/0.76u Au	40u"/1.02u Sn	40u"/1.02u Sn	SEE SHEET 5
50760-XX037LF	80	30u"/0.76u Au	40u"/1.02u Sn	40u"/1.02u Sn	SEE SHEET 6

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.			
K				angles	linear					
				0°±2'		scale 1:1				
				dr	P. PARSONS	4/12/94				
				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									

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		INCH/MM 	title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.			
H				angles	linear					
				0°±2'	.XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051					
				dr	P. PARSONS	4/12/94			dwg no	sheet 4 of 6
				enr	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

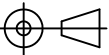
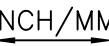
SPECIAL LOAD 50760-XX037LF SHOWN BELOW

	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					title 4 ROW VERTICAL HEADER MULTI-PLATED P.F. PINS, 0 G.P.			
K				angles	linear	.XX ±.01/.3						
						.XXX ±.005/.13						
				0°±2'		.XXX ±.0020/.051	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											