

()

()

() Amphenol
FCi

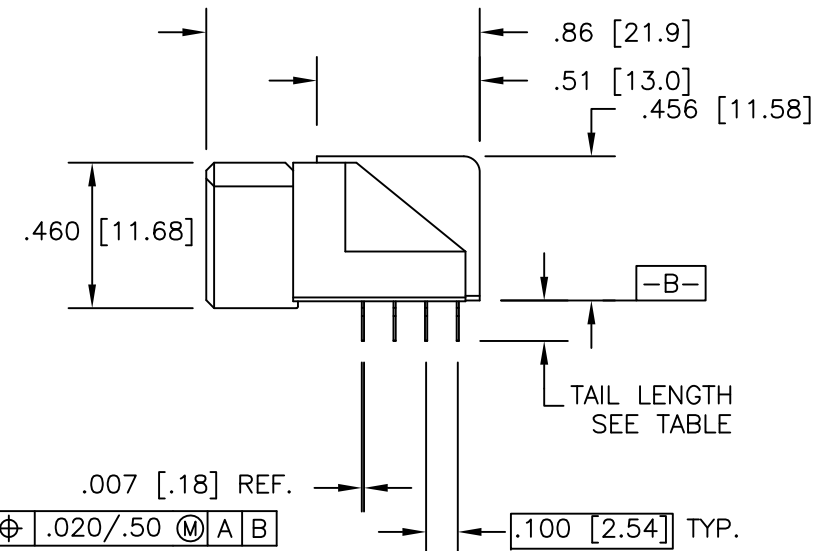
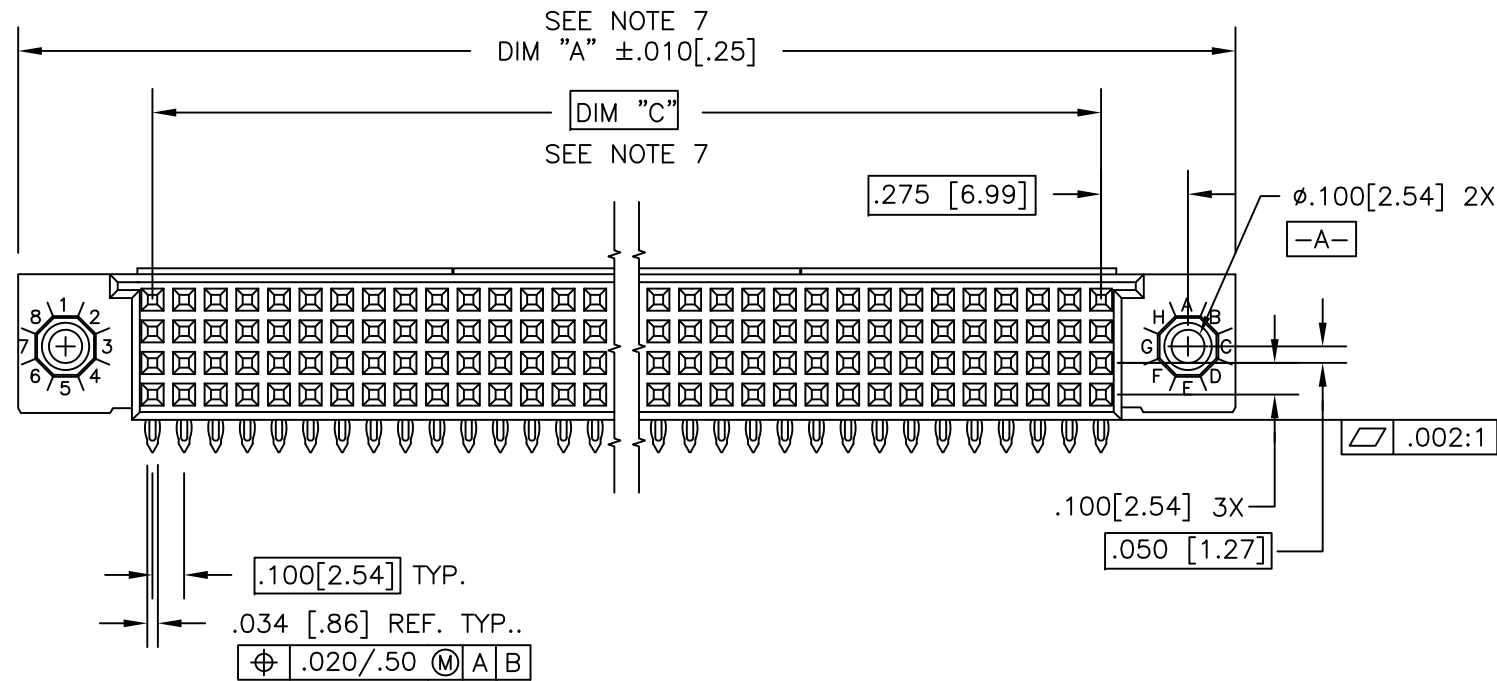
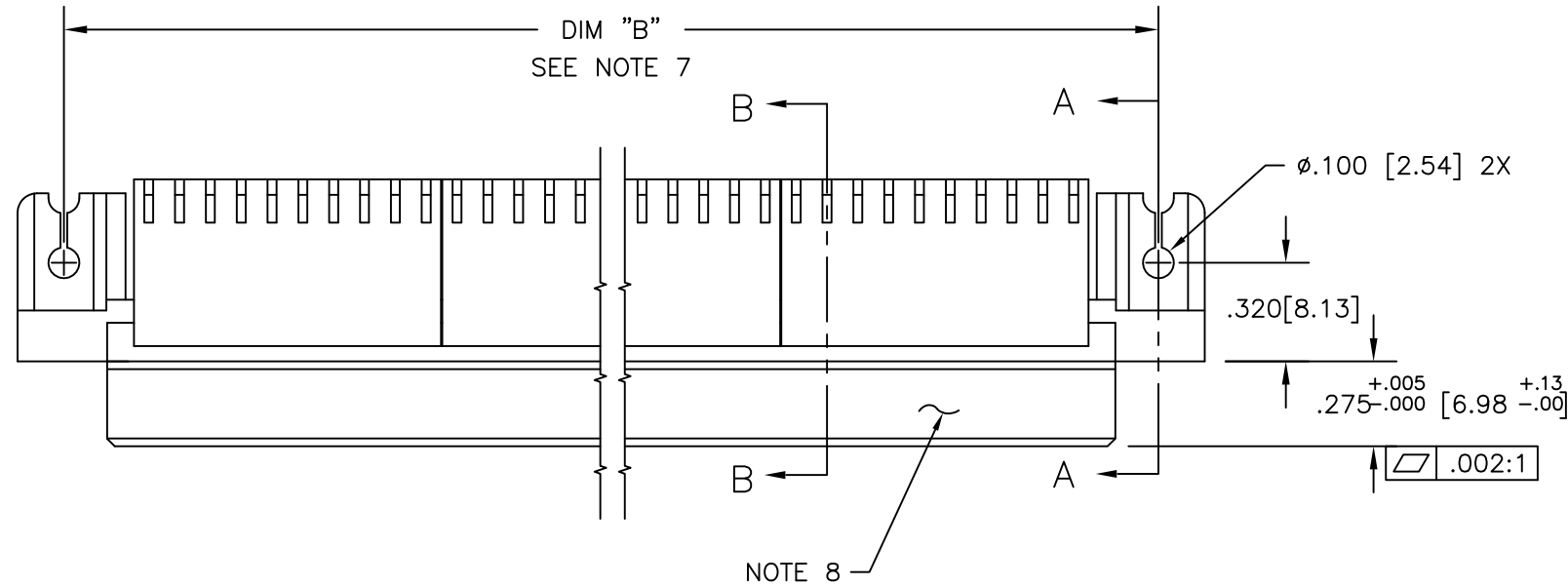
()

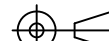
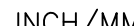
Copyright AFci

()

D

PRODUCT NUMBER
SEE TABLE



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												title 4 ROW R/A RECEPTACLE PRESS FIT														
X	ELX-I-26916	MJA	05/04/17	angles	linear	.XX±.01/.X±0.3								INCH/MM 																
-	-	-	-			.XXX±.005/.XX±0.13																								
S	V05-1003	DAI	11/1/05			0°±2°	.XXXX±.0020/.XXX±0.051																							
T	V05-1041	HTB	11/14/05	dr	D.INGRAM				7/13/05								dwg no								sheet 1 of 7				size	
U	M06-0255	MHT	7/06/06	engr	D.HORCHLER				7/13/05								50642								A3					
V	M06-0388	MHT	10/04/06	chr	M JACOB				05/04/17								type Product Customer Drawing													
W	M08-0149	MHT	5/27/08	appd	BIJU K PAUL				05/04/17																					
sheet		revision		X	X	W	W	W	W	W																				
index		sheet		1	2	3	4	5	6	7																				

form: A3

1

2

3

4

5

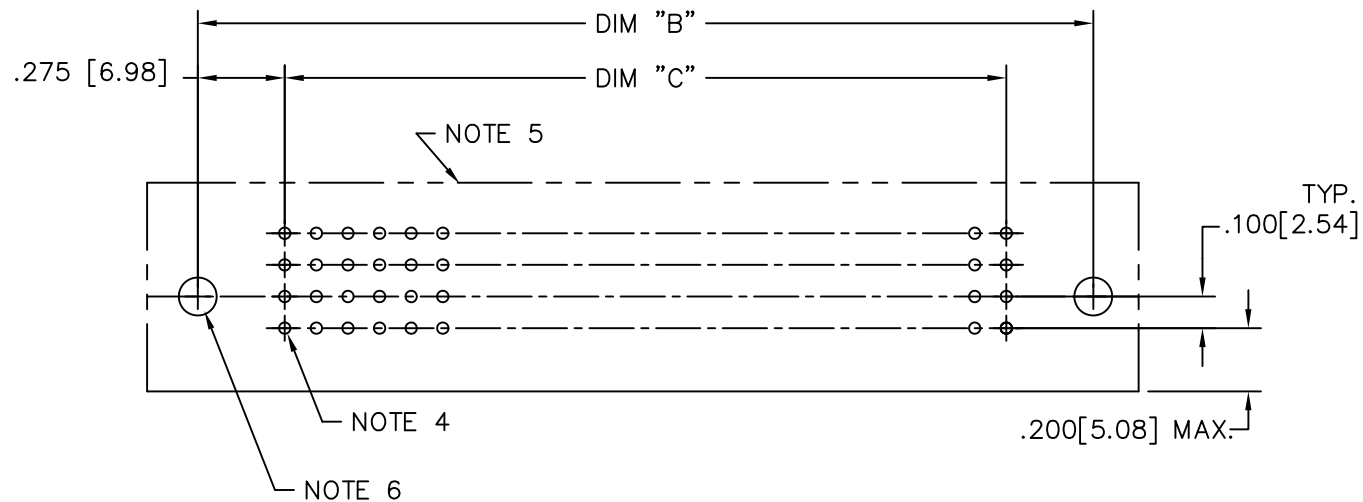
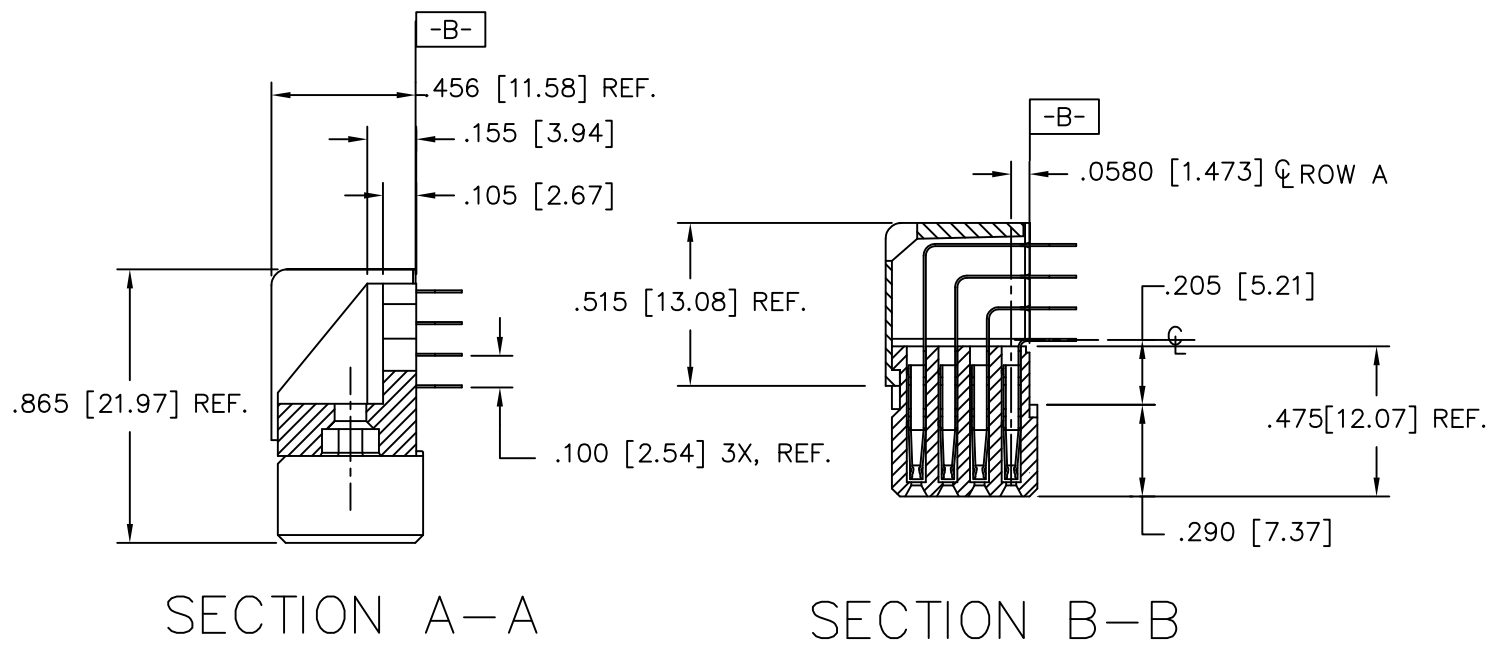
6

PDS: Rev :X

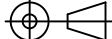
STATUS:Released

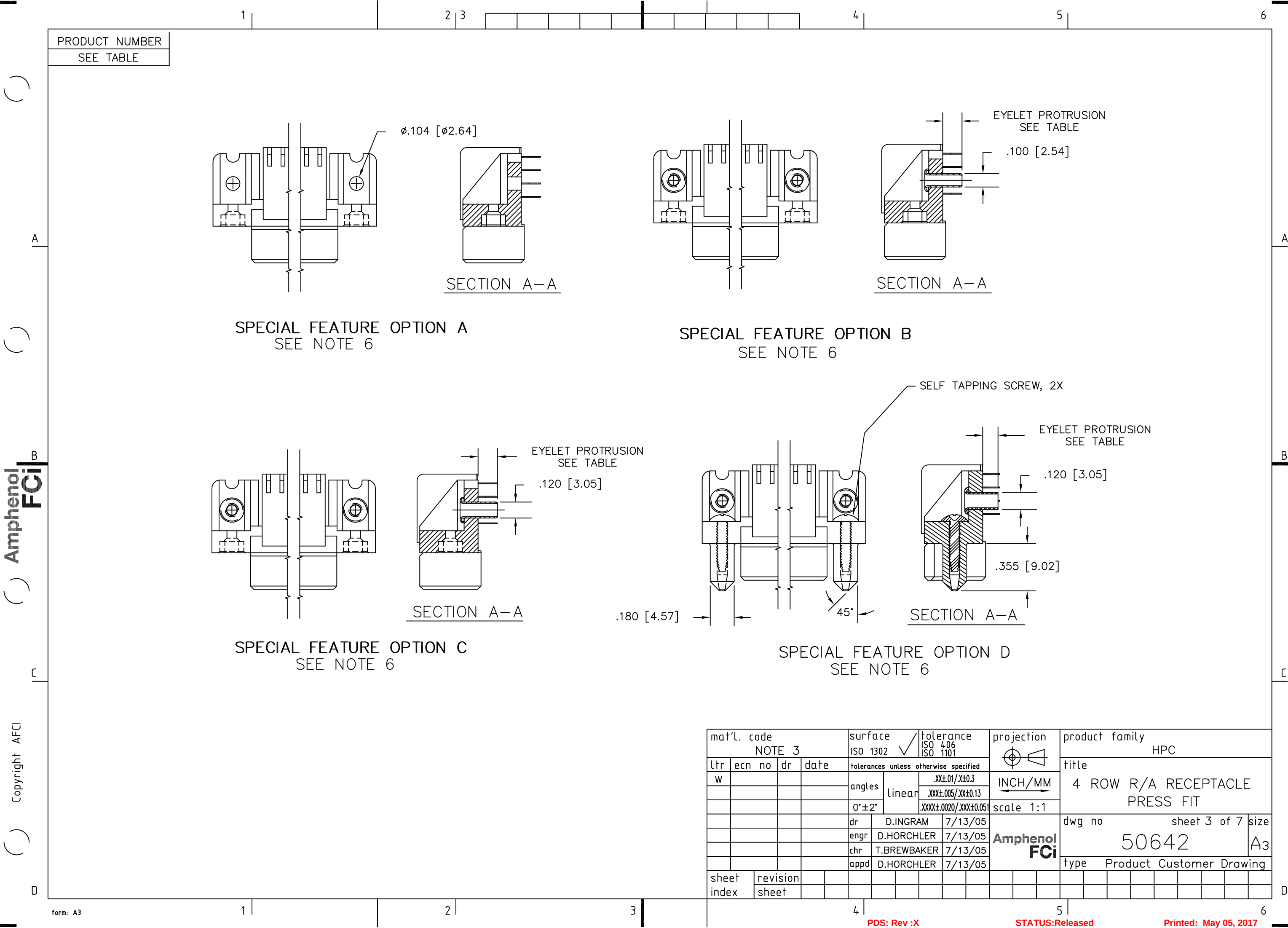
Printed: May 05, 2017

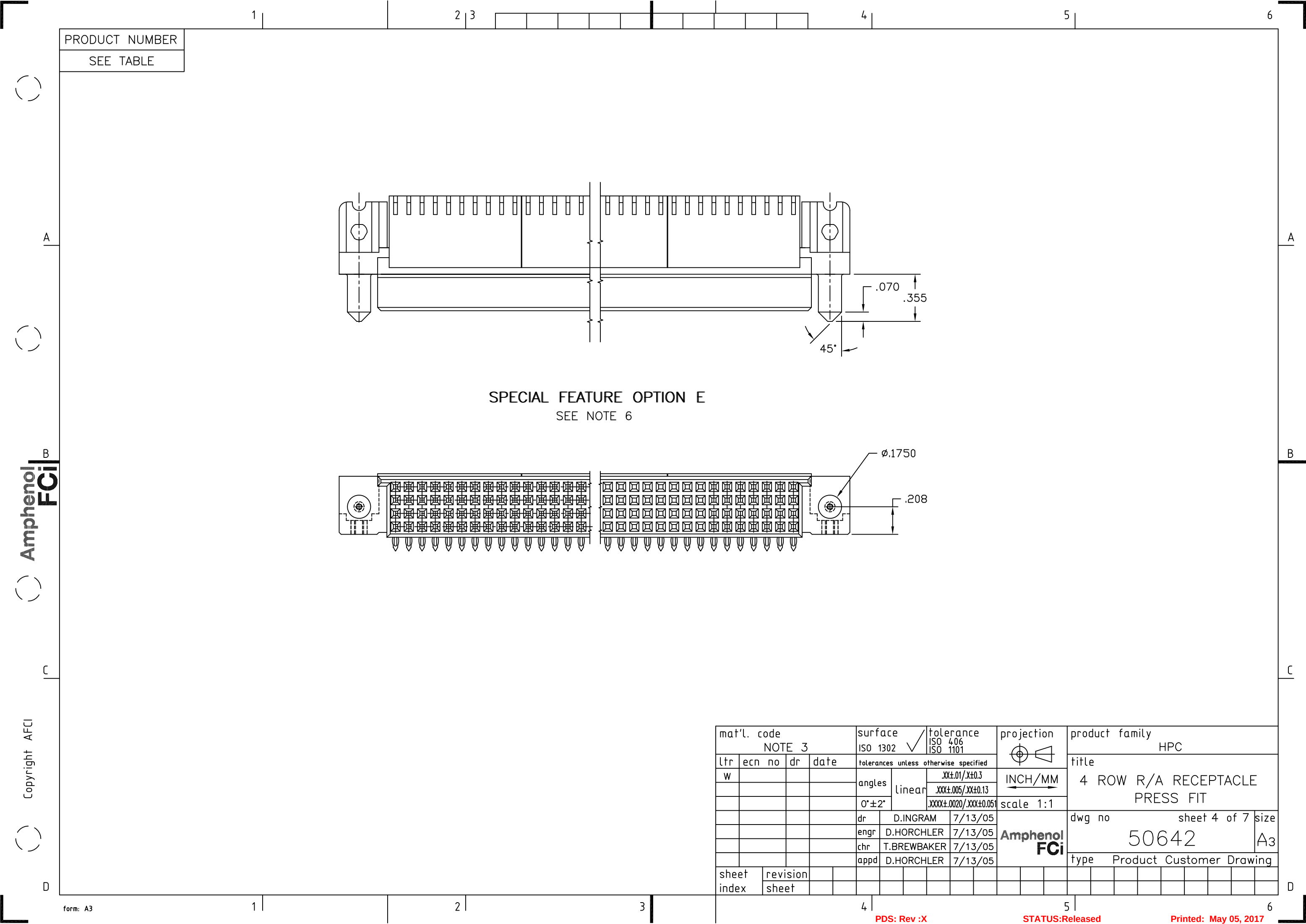
PRODUCT NUMBER
SEE TABLE



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100[2.54]
GRID UNLESS OTHERWISE SHOWN)

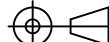
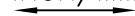
mat'l. code NOTE 3				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family HPC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
ltr	ecn no		dr	date				tolerances unless otherwise specified																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
X								angles		linear		.XX±.01/.X±0.3				INCH/MM 				title 4 ROW R/A RECEPTACLE PRESS FIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
								0°±2°				.XXX±.005/.XX±0.13				scale 1:1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								dr		D.INGRAM		7/13/05				Amphenol FCI				dwg no				sheet 2 of 7				size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
								enr		D.HORCHLER		7/13/05								50642				A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								chr		M JACOB		05/04/17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
								appd		BIJU K PAUL		05/04/17								type				Product Customer Drawing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
sheet index		revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</





PRODUCT NUMBER
SEE TABLE

SPECIAL FEATURE OPTION E
SEE NOTE 6

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						INCH/MM 			title 4 ROW R/A RECEPTACLE PRESS FIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
w				angles	linear	.XX±.01/.X±0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						.XXX±.005/.XX±0.13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				0°±2°		.XXXX±.0020/.XXX±0.051				scale 1:1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				dr	D.INGRAM		7/13/05		Amphenol FCi			dwg no										sheet 4 of 7		size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				enr	D.HORCHLER		7/13/05					50642										A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				chr	T.BREWBAKER		7/13/05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				appd	D.HORCHLER		7/13/05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
sheet index		revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Amphenol
FCi

Copyright AFci

PRODUCT NUMBER
50642-XX004
50642-XX004LF

SELECT LOAD (50642-XX004 AND 50642-XX004LF ONLY)

[illegible]

2

[illegible]

*

TERM.
1

SPECIAL NOTES FOR -XX004 AND -XX004LF ONLY:

1. ALL POSITIONS ARE LOADED, EXCEPT OMITTS AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
3. BECAUSE OF THE SELECT LOAD TERMINAL POSITIONS, ONLY 2 PRESS BLOCKS NEED TO BE INSTALLED—ONE PLACED STARTING IN COL. 25(*) AND ENDING IN COL. 34 THE OTHER PLACED STARTING IN COL. 35(*) AND ENDING IN COL.44.
4. SIGNAL DATA FOR 50642—XX004 AND —XX004LF:
SIZE 4 x 60
TOTAL NO. OF POSITIONS — 240
NO. OF POSITIONS LOADED — 032

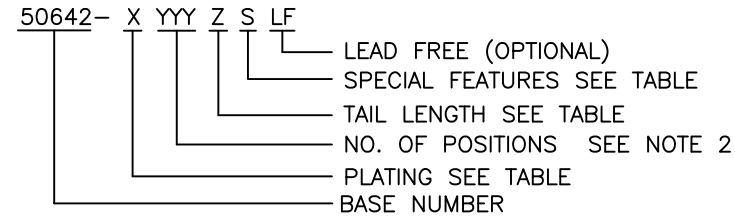
ITEM KEY	QTY.
A	16
B	8
C	8
BLANK	208

[illegible]

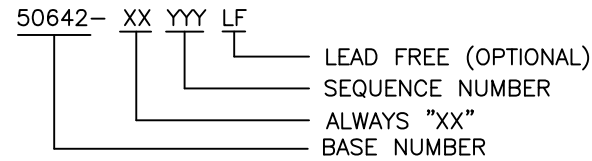
PRODUCT NUMBER
SEE TABLE

NOTES:

1. PRODUCT NUMBERING CODE



PRODUCT NUMBERING CODE FOR SELECT LOAD



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. MATERIAL: PRESS BLOCK – HIGH TEMP THERMOPLASTIC;
HOUSING–GLASS AND MINERAL FILLED HIGH TEMPERTURE THERMOPLASTIC, FLAME RETARDANT PER UL94V–O. COLOR–BLACK
CONTACT–BeCU
4. DRILLED HOLE DIA OF .0453±.001 INCH FINISHED TO .0400±.0030 INCH BY PLATING SnPb OR OTHER PLATING 0.0003 TO 0.0006 INCHES THICK WITH A COPPER UNDERPLATE AS NEEDED.
5. INFORMATION DOCUMENT: FOR PCB STAY– AWAY ZONE, SEE TA–0954.
6. SPECIAL FEATURES (SEE PRODUCT NUMBER TABLE, AND DETIALS ON SHEET 3)
- IF NO SPECIAL FEATURE CODE IS SELECTED, PCB MOUNTING HOLE DIMENSION TO BE $\phi.120\pm.003[3.05\pm0.07]$
 - "A" PCB MOUNTING HOLE DIMENSION TO BE $\phi.100\pm.003[2.54\pm0.07]$
 - "B" INCLUDES PRE–INSTALLED EYELETS FOR PCB ATTACHMENT IN A $\phi.100\pm.003[2.54\pm0.07]$ MOUNTING HOLE. (E TAIL ONLY)
 - "C" INCLUDES PRE–INSTALLED EYELETS FOR PCB ATTACHMENT IN A $\phi.120\pm.003[3.05\pm0.07]$ MOUNTING HOLE.
 - "D" INCLUDES PRE–INSTALLED EYELETS WITH MOLDED GUIDE PINS FOR PCB ATTACHMENT IN A $\phi.120\pm.003[3.05\pm0.07]$ MOUNTING HOLE.
 - "E" INCLUDES MOLDED GUIDE PINS WITH TRI–HOLE SHAPED MOUNTING HOLES. (EYELETS NOT INSTALLED)
7. LENGTH CALCULATIONS:
DIMENSION "A" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} + .75 [19.1]$
DIMENSION "B" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} + .450[11.43]$
DIMENSION "C" CALCULATION = $.100 [2.54] \times \text{NO. OF COLUMNS} - .100[2.54]$
8. MANUFACTURE’S LOGO, PN, AND LOT CODE TO APPEAR ON THIS SURFACE.
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 TEMPERTURE FOR 10–30 SECONDS IN A CONVECTION, INFRA–RED OR VAPOR PHASE REFLOW OVEN.
11. ALL POSITIONS ARE LOADED EXCEPT FOR –XXYYY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.

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										title 4 ROW R/A RECEPTACLE PRESS FIT												
W					angles		linear		.XX±.01/.X±0.3																		
									.XXX±.005/.XX±0.13																		
					0°±2°				.XXXX±.0020/.XXX±0.051						scale 1:1												
					dr	D.INGRAM			7/13/05						dwg no				sheet 7 of 7				size				
					enr	D.HORCHLER			7/13/05						50642				A3								
					chr	T.BREWBAKER			7/13/05																		
					appd	D.HORCHLER			7/13/05																		
sheet index		revision sheet																									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[50642-1100EBLF](#) [50642-1120ELF](#) [50642-1240ELF](#) [50642-1256ELF](#) [50642-1284EBLF](#) [50642-1300ELF](#) [50642-1320ELF](#) [50642-1320EBLF](#) [50642-1100EB](#) [50642-1120E](#) [50642-1240E](#) [50642-1256E](#) [50642-1284EB](#) [50642-1300E](#) [50642-1320E](#) [50642-1320EB](#) [50642-1240EB](#) [50642-1048E](#) [50642-1048ELF](#) [50642-1052E](#) [50642-1052ELF](#) [50642-1056E](#) [50642-1056ELF](#) [50642-1060E](#) [50642-1064E](#) [50642-1064ELF](#) [50642-1068E](#) [50642-1068F](#) [50642-1072E](#) [50642-1072ELF](#) [50642-1076E](#) [50642-1076F](#) [50642-1080E](#) [50642-1080ELF](#) [50642-1084E](#) [50642-1084ELF](#) [50642-1088E](#) [50642-1088ELF](#) [50642-1092E](#) [50642-1092ELF](#) [50642-1096E](#) [50642-1096ELF](#) [50642-1100E](#) [50642-1104E](#) [50642-1104ELF](#) [50642-1108E](#) [50642-1108ELF](#) [50642-1112E](#) [50642-1112ELF](#) [50642-1116E](#) [50642-1116ELF](#) [50642-1124E](#) [50642-1124ELF](#) [50642-1128E](#) [50642-1132E](#) [50642-1132ELF](#) [50642-1136E](#) [50642-1136ELF](#) [50642-1140E](#) [50642-1144E](#) [50642-1144ELF](#) [50642-1148E](#) [50642-1148ELF](#) [50642-1152E](#) [50642-1152ELF](#) [50642-1156E](#) [50642-1156ELF](#) [50642-1160E](#) [50642-1164E](#) [50642-1164ELF](#) [50642-1168E](#) [50642-1168ELF](#) [50642-1172E](#) [50642-1172ELF](#) [50642-1176E](#) [50642-1176ELF](#) [50642-1180EA](#) [50642-1180ED](#) [50642-1184E](#) [50642-1184ELF](#) [50642-1188E](#) [50642-1188ELF](#) [50642-1192E](#) [50642-1196E](#) [50642-1196ELF](#) [50642-1200E](#) [50642-1204E](#) [50642-1204ELF](#) [50642-1208E](#) [50642-1208ELF](#) [50642-1212E](#) [50642-1212ELF](#) [50642-1216E](#) [50642-1216ELF](#) [50642-1220E](#) [50642-1220ELF](#) [50642-1224E](#) [50642-1224ELF](#) [50642-1228E](#) [50642-1228ELF](#)