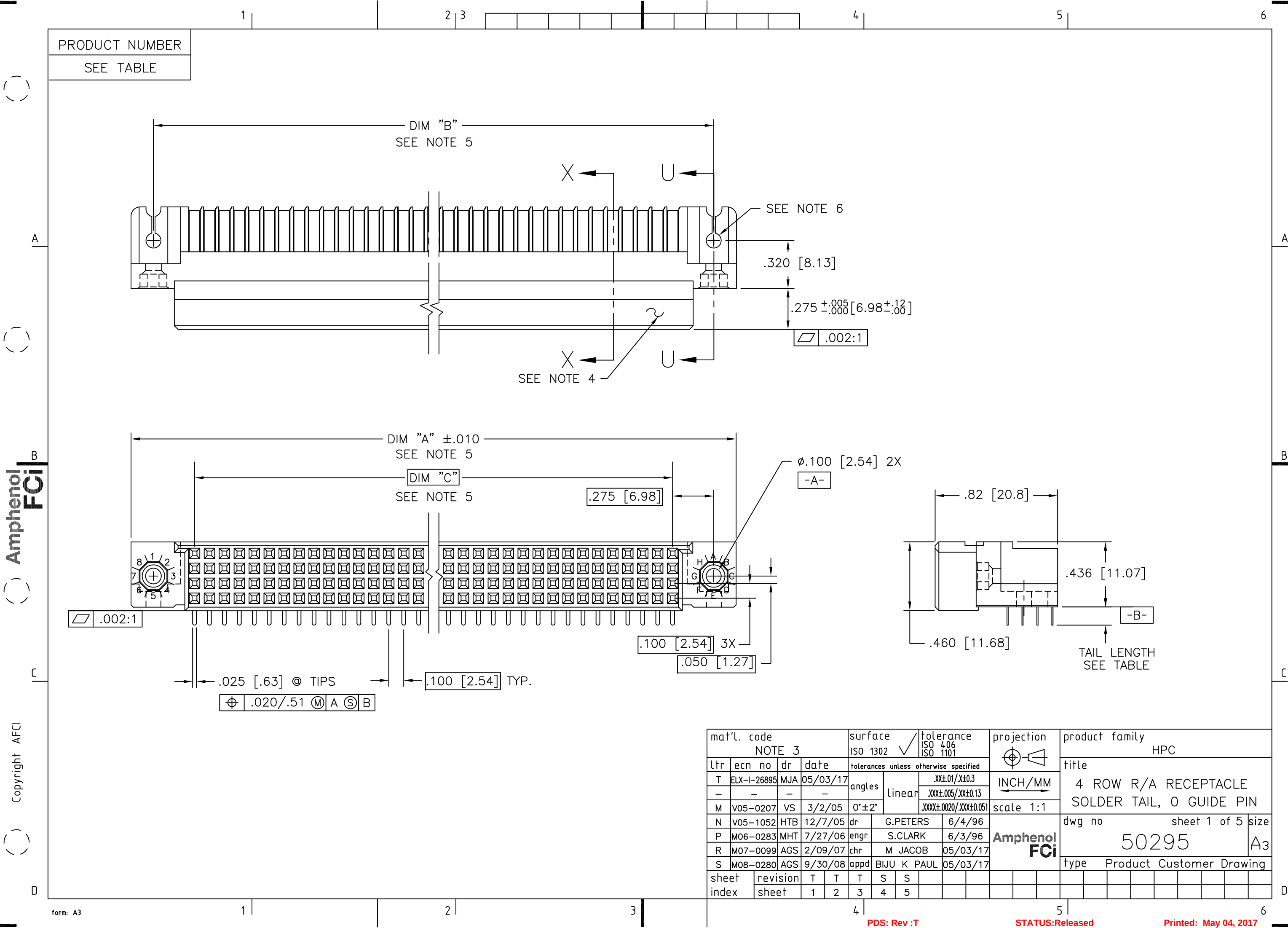
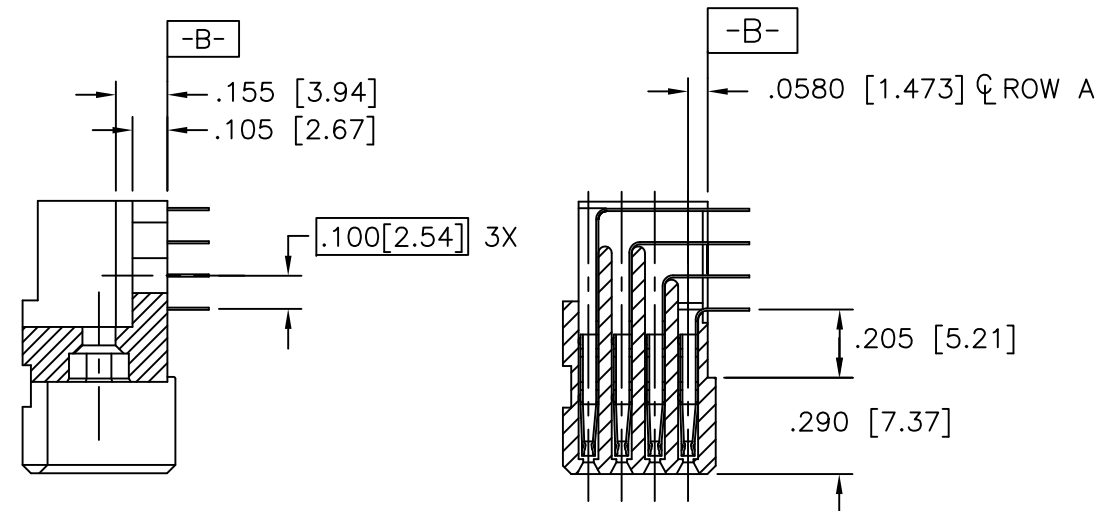




PRODUCT NUMBER
SEE TABLE

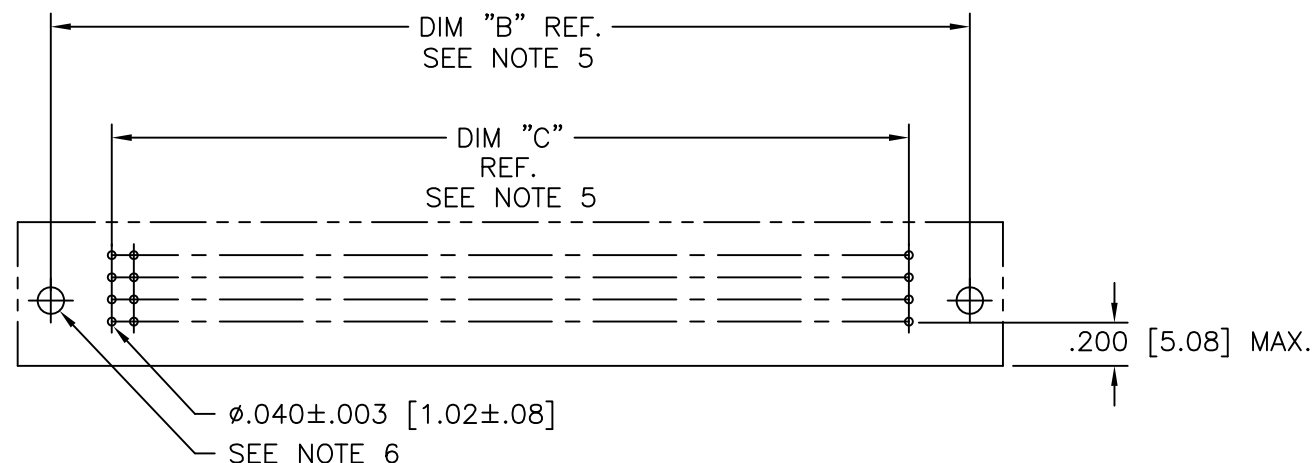
NOTES:

- ① PRODUCT NUMBERING CODE:
50295 - X YYY Z S LF
LEAD FREE (OPTIONAL)
SPECIAL FEATURES (NOTE 6)
TAIL LENGTH (SEE TABLE)
NO. OF POSITIONS (NOTE 2)
PLATING (SEE TABLE)
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 & MINERAL FILLED HIGH-TEMP THERMOPLASTIC,
FLAME RETARDANT PER UL94 V-0.
CONTACT MATERIAL: BeCu
- ④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤ LENGTH DIMENSION FORMULAS:
DIM "A" = $.100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$
DIM "B" = $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$
DIM "C" = $.100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$
- ⑥ SPECIAL FEATURES (SEE SHEET 3) AND TABLE.
- = IF CODE IS OMITTED FROM PRODUCT NUMBER: CONNECTOR IS PROVIDED AS SHOWN, NO SPECIAL FEATURES ARE SELECTED. FOR P.C.B. ATTACHMENT IN A $\phi.120[3.05]$ MOUNTING HOLE.
"A" = IF SPECIFIED, PRE-INSTALLED CLAW FOR P.C.B. ATTACHMENT IN A $\phi.100[2.54]$ MOUNTING HOLE. AVAILABLE IN 'E' TAIL LENGTH ONLY.
"B" = IF SPECIFIED, PRE-INSTALLED CLAW FOR P.C.B. ATTACHMENT IN A $\phi.120[3.05]$ MOUNTING HOLE.
"C" = IF SPECIFIED, MOLDED GUIDE PINS WITH PRE-INSTALLED CLAW FOR P.C.B. ATTACHMENT IN A $\phi.120[3.05]$ MOUNTING HOLE.
"D" = IF SPECIFIED, MOLDED GUIDE PINS WITH $\phi.100[2.54]$ MOUNTING HOLE (NO CLAW).
- ⑦ CLAW DIMENSION DETERMINED BY P.C.B. HOLE DIAMETER.
8. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREES C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑩ PLATING OPTION:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



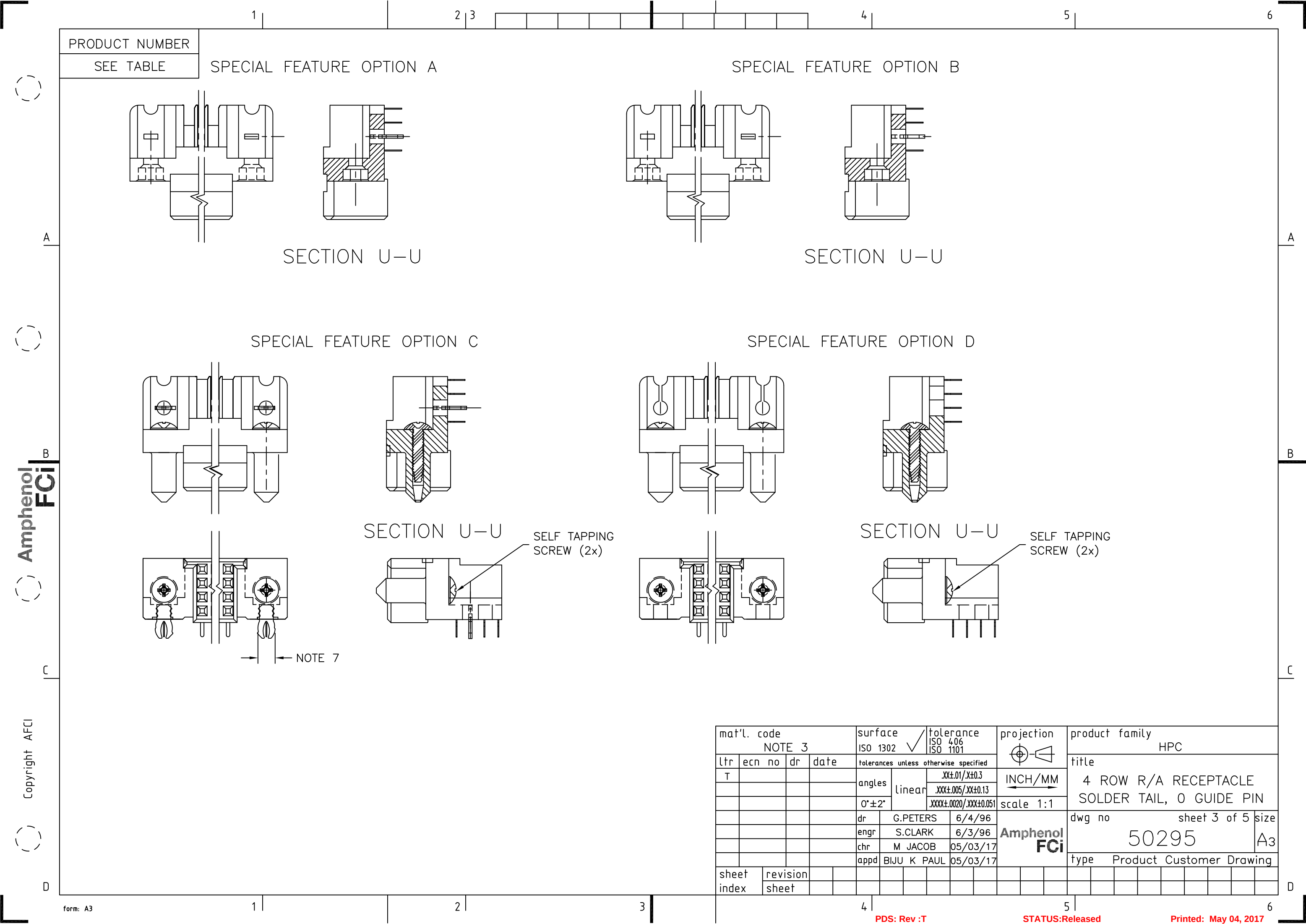
SECTION U-U
NO SPECIAL FEATURE

SECTION X-X



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

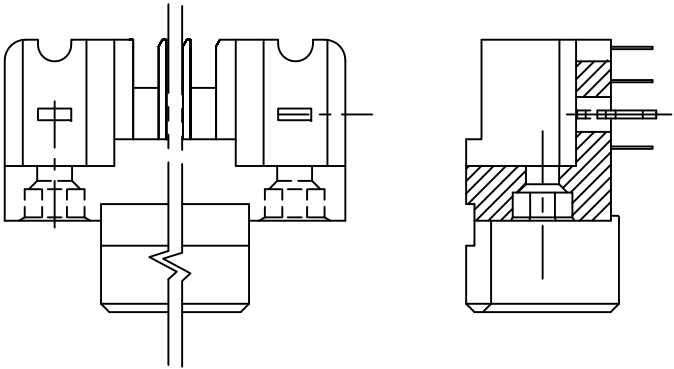
mat'l. code NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	scale 1:1	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN			
T					angles linear					
					0°±2°					
					dr G.PETERS	6/4/96	Amphenol FCi			
					enr S.CLARK	6/3/96				
					chr M JACOB	05/03/17				
					appd BIJU K PAUL	05/03/17				
sheet index	revision sheet						dwg no 50295			
							sheet 2 of 5			
							size A3			
							type Product Customer Drawing			



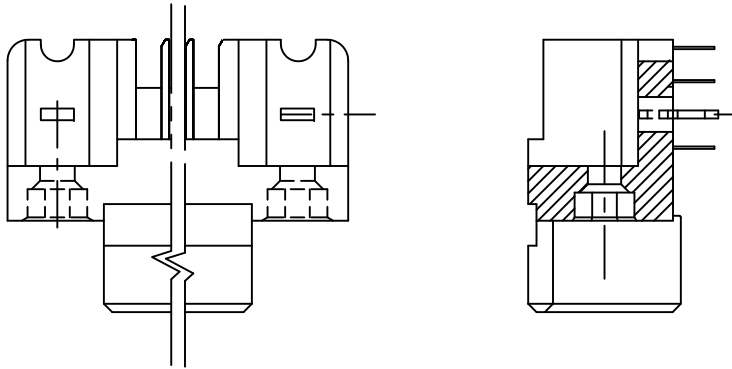
PRODUCT NUMBER
SEE TABLE

SPECIAL FEATURE OPTION A

SPECIAL FEATURE OPTION B



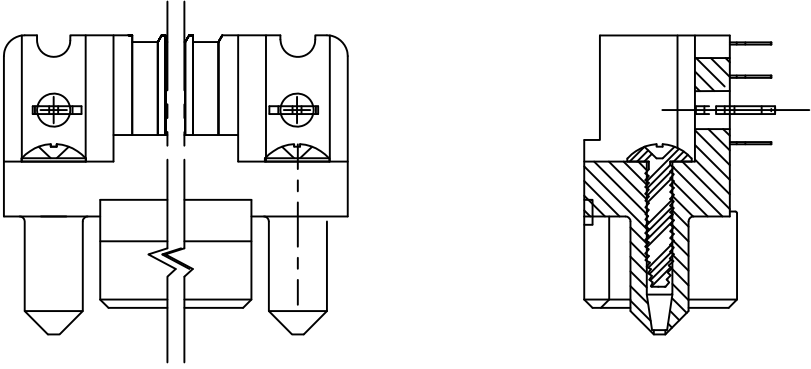
SECTION U-U



SECTION U-U

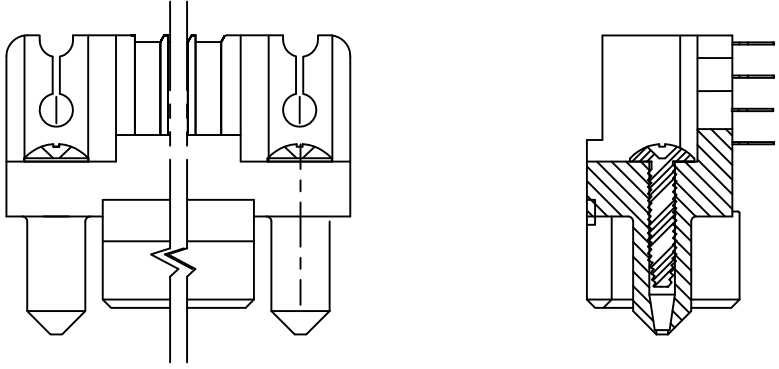
SPECIAL FEATURE OPTION C

SPECIAL FEATURE OPTION D



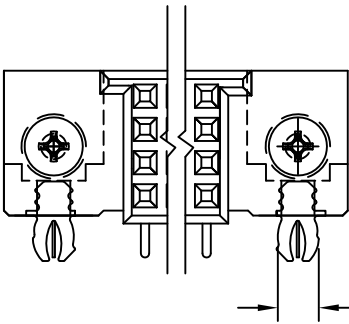
SECTION U-U

SELF TAPPING
SCREW (2x)

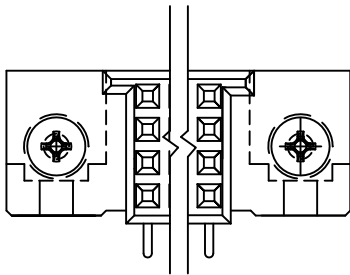


SECTION U-U

SELF TAPPING
SCREW (2x)



NOTE 7



mat'l. code NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 1:1	title 4 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN			
T				angles	linear					
				0°±2°	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXX±.0020/.XXX±0.051					
				dr	G.PETERS	6/4/96	Amphenol FCi			
				enr	S.CLARK	6/3/96				
				chr	M JACOB	05/03/17				
				appd	BIJU K PAUL	05/03/17				
sheet index	revision sheet									

form: A3

PDS: Rev :T

STATUS:Released

Printed: May 04, 2017

PRODUCT NUMBER NOTE 1 AND 2	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH ±.010/0.25	SPECIAL FEATURES SEE NOTE 6	TAIL PLATING	CONTACT PLATING SEE NOTE 10
50295-5YYYE	YYY	.125/3.18	NONE	TIN/LEAD	30μ"/0.76μ GXT
50295-5YYYELF	YYY	.125/3.18	NONE	TIN	
50295-5YYYEA	YYY	.125/3.18	"A"	TIN/LEAD	
50295-5YYYEALF	YYY	.125/3.18	"A"	TIN	
50295-5YYYEB	YYY	.125/3.18	"B"	TIN/LEAD	
50295-5YYYEBLF	YYY	.125/3.18	"B"	TIN	
50295-5YYYEC	YYY	.125/3.18	"C"	TIN/LEAD	
50295-5YYYECLF	YYY	.125/3.18	"C"	TIN	
50295-5YYYED	YYY	.125/3.18	"D"	TIN/LEAD	
50295-5YYYEDLF	YYY	.125/3.18	"D"	TIN	
50295-5YYYF	YYY	.145/3.68	NONE	TIN/LEAD	
50295-5YYYFLF	YYY	.145/3.68	NONE	TIN	
50295-5YYYFB	YYY	.145/3.68	"B"	TIN/LEAD	
50295-5YYYFBLF	YYY	.145/3.68	"B"	TIN	
50295-5YYYFC	YYY	.145/3.68	"C"	TIN/LEAD	
50295-5YYYFCLF	YYY	.145/3.68	"C"	TIN	
50295-5YYYFD	YYY	.145/3.68	"D"	TIN/LEAD	
50295-5YYYFDLF	YYY	.145/3.68	"D"	TIN	
50295-5YYYH	YYY	.180/4.57	NONE	TIN/LEAD	
50295-5YYYHLF	YYY	.180/4.57	NONE	TIN	
50295-5YYYHB	YYY	.180/4.57	"B"	TIN/LEAD	
50295-5YYYHBLF	YYY	.180/4.57	"B"	TIN	
50295-5YYYHC	YYY	.180/4.57	"C"	TIN/LEAD	
50295-5YYYHCLF	YYY	.180/4.57	"C"	TIN	
50295-5YYYHD	YYY	.180/4.57	"D"	TIN/LEAD	
50295-5YYYHDLF	YYY	.180/4.57	"D"	TIN	30μ"/0.76μ GXT

Amphenol FCi

Copyright AFCI

form: A3

1

2

3

A

5

6

PDS: Rev :T

STATUS:Released

Printed: May 04, 2017

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

[50295-1148E](#) [50295-1200E](#) [50295-1300H](#) [50295-5128E](#) [50295-1128ELF](#) [50295-1208ELF](#) [50295-1260ELF](#)
[50295-5060ELF](#) [50295-5076ELF](#) [50295-5100ELF](#) [50295-5112ELF](#) [50295-5168ELF](#) [50295-5192ELF](#) [50295-5320ELF](#) [50295-1140H](#) [50295-5080ELF](#) [50295-5120ELF](#) [50295-5128HLF](#) [50295-5240ELF](#) [50295-5240HLF](#) [50295-5300ELF](#) [50295-1300HLF](#) [50295-1060E](#) [50295-1076H](#) [50295-1080E](#) [50295-1112E](#) [50295-1120E](#) [50295-1128E](#)
[50295-1144E](#) [50295-1160E](#) [50295-1180E](#) [50295-1208E](#) [50295-1220E](#) [50295-1240E](#) [50295-1244E](#) [50295-1248E](#)
[50295-1260E](#) [50295-1280E](#) [50295-1300E](#) [50295-1320E](#) [50295-5060E](#) [50295-5076E](#) [50295-5076F](#) [50295-5100E](#)
[50295-5112E](#) [50295-5140E](#) [50295-5160E](#) [50295-5168E](#) [50295-5180E](#) [50295-5192E](#) [50295-5204F](#) [50295-5248E](#)
[50295-5320E](#) [50295-1100HLF](#) [50295-1060EC](#) [50295-1180F](#) [50295-1180H](#) [50295-1200ED](#) [50295-1200F](#) [50295-1260F](#) [50295-1260H](#) [50295-5060ECLF](#) [50295-5076FLF](#) [50295-5076HLF](#) [50295-5100F](#) [50295-5100FLF](#) [50295-5128F](#) [50295-5128FLF](#) [50295-5128H](#) [50295-5144ELF](#) [50295-5148ELF](#) [50295-5180FLF](#) [50295-5200EDLF](#) [50295-5200ELF](#) [50295-5200FLF](#) [50295-5204FLF](#) [50295-5208ELF](#) [50295-5220ELF](#) [50295-5240E](#) [50295-5240H](#) [50295-5244ELF](#) [50295-5260ELF](#) [50295-5260HLF](#) [50295-5280ELF](#) [50295-5300HLF](#) [50295-1040E](#) [50295-1044ELF](#) [50295-1052ELF](#) [50295-1056ELF](#) [50295-1064E](#) [50295-1068ELF](#) [50295-1072ELF](#) [50295-1076ELF](#) [50295-1084E](#) [50295-1088ELF](#) [50295-1092ELF](#) [50295-1096EB](#) [50295-1096ELF](#) [50295-1100EB](#) [50295-1104ELF](#)