

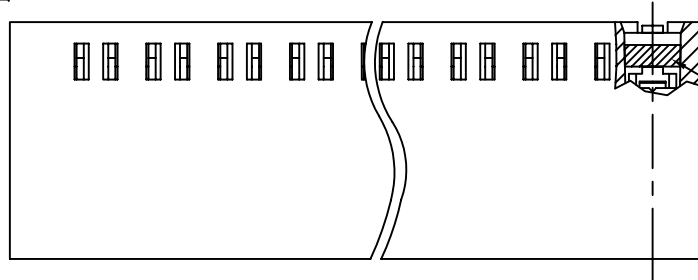


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PRODUCT NO

SEE TABLE

OPTIONAL
INSULATION
PLUG

LENGTH

 $B \pm .020$
0.51 $A \pm .010$
0.25 $.070$
1.78
REF.
TYP. $.100$ TYP.
2.54 $.046$
1.17
SQUARE
CONTACT
OPENING
TYP. $.100$
2.54 $.069$
1.75

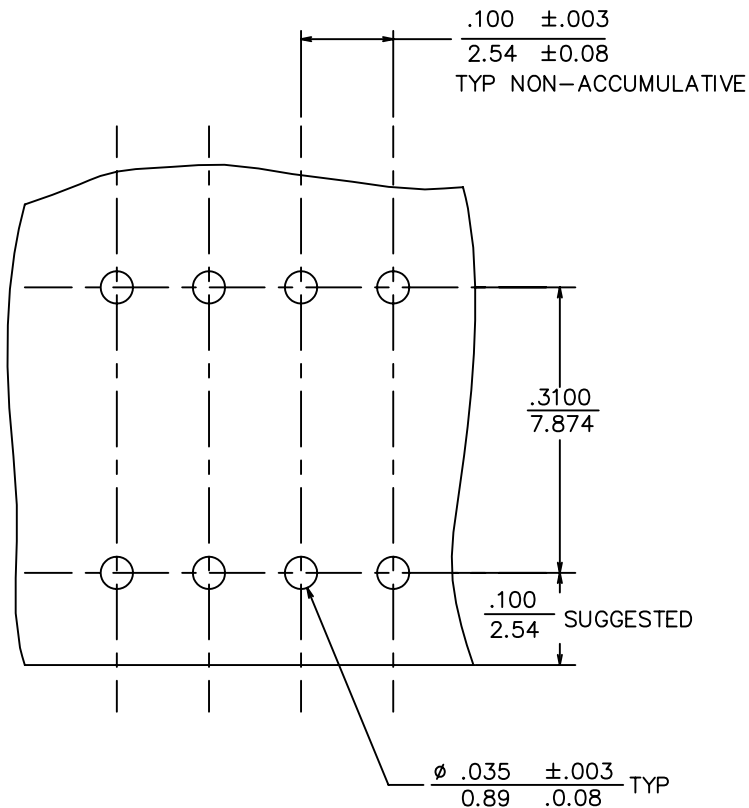
90° REF. TYP.

PRINTED
CIRCUIT
BOARD $.029$
0.74
REF.
TYP.WIDTH
 $.33$
8.4HEIGHT
 $.24$
6.1OPTIONAL
INSULATION
PLUG
SEE TABLE90°±5°
TYP $.115$ $\pm .010$
2.92 ± 0.25
LEG LENGTH $.310$ REF.
7.87
AT BOTTOM OF HOUSING

mat'l. code				surface	tolerance	projection	product family		
-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
P	ELX-N-14417	DCS	2013-02-05	angles	linear				
					$.XX \pm .01 / .XX \pm 0.3$	INCH/MM	2 x .100/2.54 HORIZ. CARD CONNECTOR		
					$.XXX \pm .005 / .XXX \pm 0.13$				
J	M05-018	MHT	8/20/05	0°±2°	$.XXX \pm .0020 / .XXX \pm 0.05$	scale 4:1	dwg no sheet 1 of 6 size		
K	M06-0117	AEA	6/26/06	dr	B. ASHREF	10/12/81			
L	M07-0137	MHT	2/26/07	enr	D. NEIDICH	10/12/81	67117 A3		
M	M08-0232	MHT	8/14/08	chr	D. NEIDICH	10/12/81			
N	M09-0093	MHT	6/22/09	appd	D. NEIDICH	10/12/81	type Product Customer Drawing		
sheet	revision	P	P	P	P	P			
index	sheet	1	2	3	5	5	6		

PRODUCT NO

SEE TABLE

FIGURE 1
SCALE 5/1

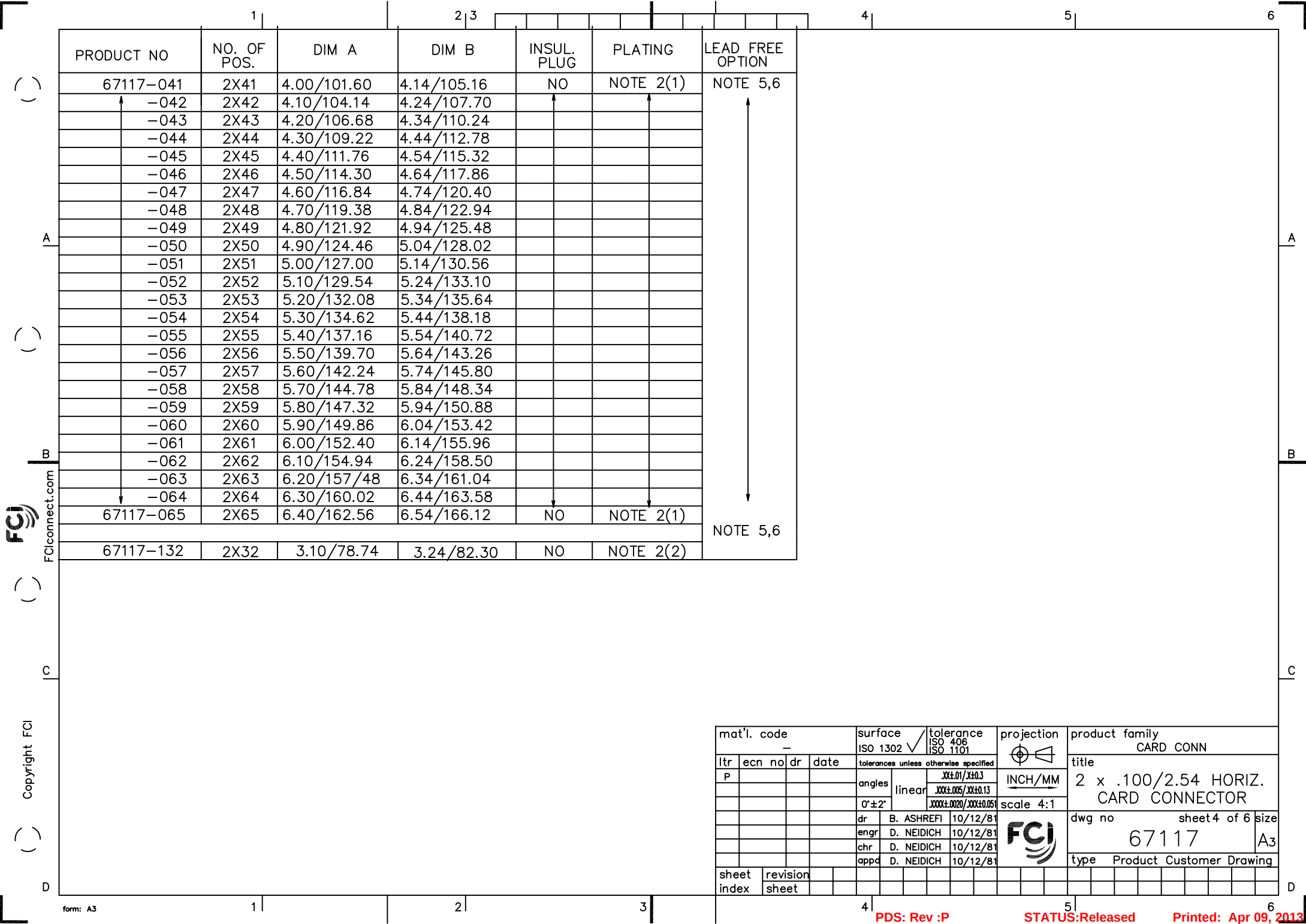
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑥ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ⑧ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WISKER GROWTH IN ALL INTERCONNECT REQUIREMENTS
9. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

NOTES.

1. HOUSING MATERIAL.
FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK
2. TERMINAL MATERIAL.
BODY. BRASS .010/0.25 THICK.
SPRING. BE-CU. HEAT TREATED
- (1) BODY PLATING.
30 MICROINCH/0.76 MICRON GOLD OR GXT OVER
50 MICROINCH / 1.27 MICRON NICKEL ON CONTACT AREA
SOLDERTAIL PLATING: .100 MICROINCH/2.54 MICRON PURE TIN (NOTE 8)
OVER 50 MICROINCH/1.27 MICRON NICKEL.
SPRING PLATING. GOLD FLASH
- (2) BODY PLATING.
30 MICROINCH/0.76 MICRON GOLD OVER
50 MICROINCH/1.27 MICRON NICKEL ON CONTACT AREA
SOLDERTAIL PLATING: GOLD FLASH
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG."1".
B. ALL MATING PINS TO BE .025/0.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/0.38 DIA.
C. SUGGESTED MATING PIN LENGTH .350±.020 / 8.89±0.51
4. TERMINAL MATERIAL.
BODY. BRASS .010/0.25 THICK.
SPRING. BE-CU. HEAT TREATED
BODY PLATING.
30 MICROINCH / 0.76 MICRON GOLD OVER
50 MICROINCH/ 1.27 MICRON NICKEL
IN CONTACT AREA
SOLDERTAIL PLATING: 3 MICROINCH /0.076 MICRON GOLD OVER 50 MICROINCH/ 1.27 MICRON NICKEL.
SPRING PLATING. GOLD FLASH

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN					
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title			
P						angles	linear	.XXX±.01/X±0.3 .00XX±.005/X±0.13 .000X±.0020/.00X±0.051		INCH/MM		2 x .100/2.54 HORIZ. CARD CONNECTOR			
						0°±2'				scale 4:1					
						dr	B. ASHREFI	10/12/81				dwg no		sheet 2 of 6	size
						engr	D. NEIDICH	10/12/81				67117		A3	
						chr	D. NEIDICH	10/12/81							
						appd	D. NEIDICH	10/12/81							
sheet index		revision sheet										type Product Customer Drawing			

D



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mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406		CARD CONN			
l	ec	n	dr	date	tolerances unless otherwise specified		title			
P					angles	linear	2 x .100/2.54 HORIZ. CARD CONNECTOR			
							INCH/MM			
					0"±2"		scale 4:1			
					dr	B. ASHREFI	10/12/81	dwg no		sheet 4 of 6
					enr	D. NEIDICH	10/12/81	67117		A3
					chr	D. NEIDICH	10/12/81	type Product Customer Drawing		
					app	D. NEIDICH	10/12/81			
sheet index	revision				sheet					

NOTE 5.6

[illegible]

