

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[73941-1002LF](#)

For any questions, you can email us directly:

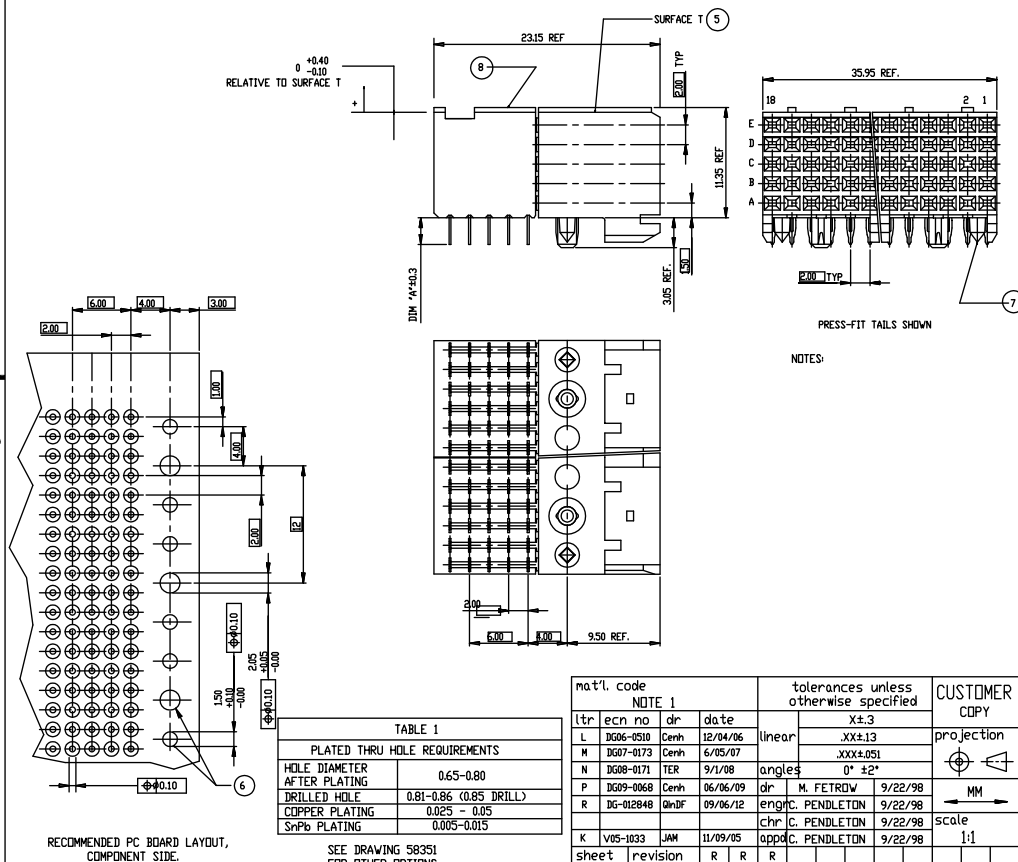
sales@integrated-circuit.com

PRODUCT NUMBER	PEG TYPE	TAIL TYPE	TAIL LGTH. DIM. "A"	PCB THICKNESS±0.20	LOADING CONFIGURATION
73941-X001 ■	PRESS	SOLDER	2.90	1.6	FULLY LOADED
73941-X002 ■	PRESS	PRESS-FIT	2.90	1.6	
73941-X003 ■	PRESS	SOLDER	2.53	2.4	
73941-X004 ■	PRESS	PRESS-FIT	2.53	2.4	

* SEE NOTE 11 FOR LEAD FREE OPTIONS

* SPECIFY LOADING P/N SEE PAGE 2 AND 3

PLATING CONTACT AREA:	
DASH NR:	PERFORMANCE LEVEL
-1YYY/1YYYL	TELCORDIA CO
-2YYY/2YYYL	CUSTOMER SPECIAL
-3YYY/3YYYL	CUSTOMER SPECIAL



HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 - 0.05
Sn/Pb PLATING	0.005-0.015

SEE DRAWING 58351
FOR OTHER OPTIONS

mat'l. code		NDTE 1		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
l	tr	ec	n	ch	date	linear	X±13	projection	title
L	D066	-0510		Drsh	12/04/06				B SERIES R/A SIGNAL RECEPT ASSY.
M	D607	-0173		Drsh	6/05/07		XXX±051		5 ROW, 3 MOD, PF/STB
N	D608	-0171	TER	9/1/08	angles	0° ±2°			
P	D609	-0068		Drsh	06/06/09	dr	M. FETROW	9/22/98	product family METRAL (tm)
R	D6	-012848	anDF	09/06/12	eng	CENDILETON	CENDILETON	9/22/98	size/dwg no
					app	C. PENDLETON	C. PENDLETON	9/22/98	code
					chdr	C. PENDLETON	C. PENDLETON	9/22/98	213
k	V05-1033	JAM			11/09/05			scale 1:1	A 73941
sheet index	revision sheet	1	R	R	2	3			sheet 1 of 4

	cage code	22526
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PRODUCT NO	TAIL TYPE	PEG TYPE	DIM 'A'	ROW	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
73941-X020 *	PRESS	PRESS	2.90	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73941-X021 *	PRESS	PRESS	2.90	E	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
				D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				C	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
				B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				A	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
73941-X022 *	PRESS	PRESS	2.90	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73941-X023 *	PRESS	PRESS	3.53	E	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
				D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				C	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
				B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				A	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
73941-X024 *	PRESS	PRESS	3.53	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73941-X025 *	PRESS	PRESS	2.90	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				B	-	-	X	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X
				A	X	X	-	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X

* SEE NOTE 11 FOR LEAD FREE OPTIONS

LOAD PATTERN	
X	LOADED
-	NOT LOADED

mat'l. code -				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecr no	dr	date		X±.3	projection		www.fciconnect.com	
R				linear	.XX±.13			title	
					.XXX±.051			B SERIES R/A SIGNAL RECEPT ASSY,	
				angles	0° ±2°			5 ROW, 3 MOD, PF/STB	
				dr	M. FETROW 11/17/98			product family METRAL (tm)	
				engr	C. PENDLETON 11/17/98			size dwg no	
				chr	C. PENDLETON 11/17/98			A	
				app	C. PENDLETON 11/17/98			73941	
sheet index	revision sheet					scale 1:1		code 213	
								sheet 2 of -	
								cage code 22526	

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PRODUCT NO	TAIL TYPE	PEG TYPE	DIM 'A'	ROW	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
73941-X026 *	PRESS	PRESS	2.90	E	X	X	X	X	X	X	X	-	X	X	-	X	X	X	X	X	X	X
				D	X	X	X	X	X	X	X	-	X	X	-	X	X	X	X	X	X	X
				C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				B	X	X	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X	X
				A	X	X	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X	X

* SEE NOTE 11 FOR LEAD FREE OPTIONS

LOAD PATTERN	
X	LOADED
-	NOT LOADED

mat'l. code -				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com	
ltr	ecr no	dr	date	linear	X±.3		projection 	title B SERIES R/A SIGNAL RECEPT ASSY, 5 ROW, 3 MOD, PF/STB			
R					.XX±.13						
					.XXX±.051						
				angles	0° ±2°			product family METRAL (tm)	code 213		
				dr	M. FETROW	11/17/98					
				eng'r	C. PENDLETON	11/17/98					
				chr	C. PENDLETON	11/17/98	scale 1:1	size	dwg no A	73941	sheet 3 of -
				app'd	C. PENDLETON	11/17/98					
sheet index		revision sheet									

NOTES:

- ① CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED,
UL 94-V0 COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
2. PLATING ON TAIL:
PRESS-FIT TYPE
73941-XXXX IS 0.5-1.5um SnPb
73941-XXXXLF IS 0.5-1.5um Sn (LEAD FREE)
SOLDER-TO-BOARD TYPE
73941-XXXX IS 2-8um SnPb
73941-XXXXLF IS 2-8um Sn (LEAD FREE)
3. PRODUCT SPECIFICATION:
GS-12-002
4. APPLICATION SPECIFICATIONS:
BUS-20-061
GS-20-001
TA-941
- ⑤ PRODUCT MARKING: (PART NUMBER & LOT CODE).
- ⑥ INDICATED HOLES ARE UNPLATED.
- ⑦ DIAMOND LOCATION PEG ARE ONLY EXISTED ON THE BOTH SIDES OF PRODUCT.
- ⑧ TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD.
- ⑨ DIMENSION APPLIES TO BOTH PRESS-FIT AND SOLDER TAIL TERMINATIONS.
10. THESE PRODUCTS WHERE THE PART NUMBER ENDS IN 'LF' MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS MANUFACTURED BEFORE APRIL 2006 WILL WITHSTAND EXPOSURE TO 240°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.

ALL PRODUCTS MANUFACTURED AFTER MARCH 2006 WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.
- ⑪ FOR LEAD FREE PART NUMBERS ADD 'LF' SUFFIX. EXAMPLE: 73941-XXXXLF.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecr no	dr	date						
R				linear	X±.3	projection		title	www.fciconnect.com
					.XX±.13			B SERIES R/A SIGNAL RECEPT ASSY,	
					.XXX±.051			5 ROW, 3 MOD, PF/STB	
				angles	0° ±2°			product family METRAL (tm)	code
				dr	J.R. VOLSTORF	11/15/05		size	213
				eng	J.R. VOLSTORF	11/15/05		dwg no	sheet
				chr	J.R. VOLSTORF	11/15/05			4 of -
				app	J.R. VOLSTORF	11/15/05			
sheet	revision					scale	1:1	A	73941
index	sheet								