

Excellent Integrated System Limited

Stocking Distributor

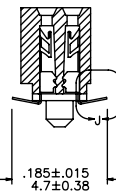
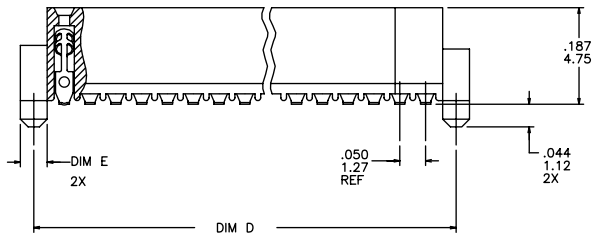
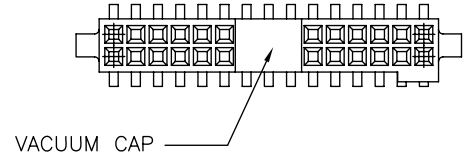
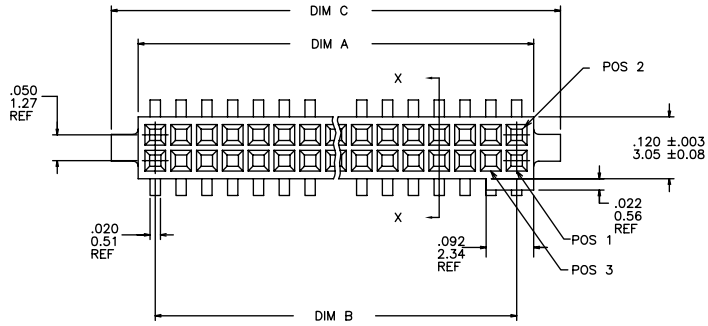
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[87024-610LF](#)

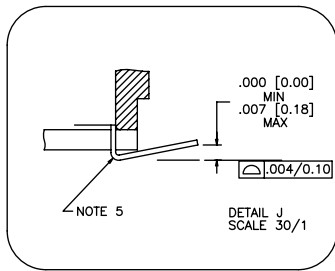
For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER
SEE TABLE



SECTION X-X



mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406		RIB CAGE
		ISO 1101		
ltr	ecr no	dr	date	title
AH	BX-N-19819	JH	12/22/14	.050cc VERT. SMT.
				W/LOC. & POL. FEATURE
				dwg no
				87024
				sheet 1 of 3
				size A3
				type Product Customer Drawing
sheet	revision	AH	AH	
index	sheet	1	2	3

form: A3

1

2

PDS: Rev : AH

STATUS: Released

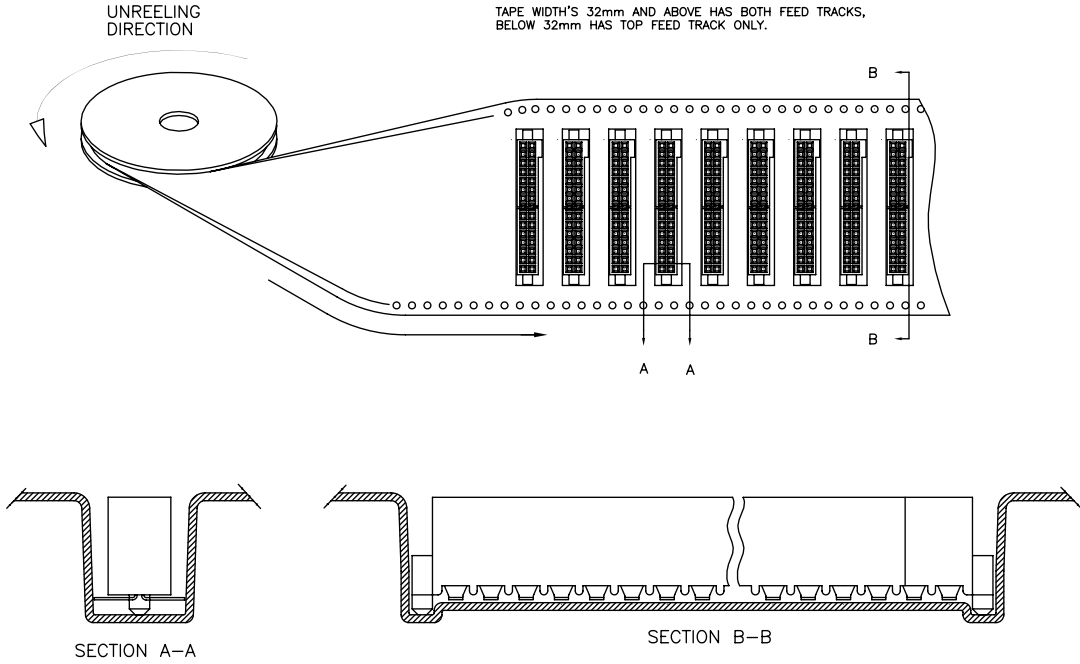
Printed: Dec 23, 2014

5

6

REFERENCE ONLY

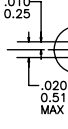
TAPE WIDTH'S 32mm AND ABOVE HAS BOTH FEED TRACKS,
BELOW 32mm HAS TOP FEED TRACK ONLY.



mat'l. code				surface		tolerance		projection		product family					
-				ISO 1302		ISO 406 ISO 1101				RIB CAGE					
ltr	ecr	no	dr	date		tolerances unless otherwise specified									
AH						angles		linear		INCH/MM		.050cc VERT. SMT. W/LOC. & POL. FEATURE			
						X.X1 / X.X0.3 XXXX.X.005 / XXX.X.03		scale 1:1							
						XXXX.X.000 / XXX.X.005									
						0±2°									
				dr		M. CLOUSER		6/26/91				dwg no		sheet 3 of 3 size	
				enrg		B. BARUFFALO		6/26/91				87024		A3	
				chr		B. BARUFFALO		6/26/91							
				appd		B. BARUFFALO		6/26/91							
sheet		revision										type		Product Customer Drawing	
index		sheet													

PRODUCT NO. NOTE 9		SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	SPECIAL PACKAGING	TAPE WIDTH PITCH	PIECES PER REEL
87024-605		2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128	ø.0520/1.321	NOTE 6	24mm 12mm	750
	-610	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	ø.0520/1.321	NOTE 6	24mm 12mm	750
	-610P	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	ø.0520/1.321	NOTE 8	24mm 16mm	400
	-615	2 X 15	.766/19.456	.700/17.78	.870/22.098	.8200/20.828	ø.0520/1.321	NOTE 6	44mm 12mm	500
	-620	2 X 20	1.016/25.806	.950/24.13	1.120/28.448	1.0700/27.178	ø.0520/1.321	NOTE 6 & 7	44mm 12mm	500
	-625	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528	ø.0520/1.321	NOTE 6	56mm 12mm	500
	-630	2 X 30	1.516/38.506	1.450/36.83	1.620/41.148	1.5700/39.878	ø.0520/1.321	NOTE 6 & 7	56mm 12mm	500
	-635	2 X 35	1.766/44.856	1.700/43.18	1.870/47.498	1.8200/46.228	ø.0520/1.321	NOTE 6	72mm 12mm	500
	-640	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578	ø.0520/1.321	NOTE 6 & 7	72mm 12mm	500
	-645	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928	ø.0520/1.321	NOTE 6	72mm 12mm	500
	-650	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278	ø.0520/1.321	NOTE 6 & 7	88mm 12mm	500
	-625S	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528	ø.0394/1.00	NOTE 6	56mm 12mm	500

NOTES:

- ① HOUSING MATERIAL:
LCP GLASS FILLED FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- ② TERMINAL MATERIAL: BeCu
- ③ TERMINAL PLATING:
30u"/.76um MIN HARD GOLD OR GXT OVER Ni ON CONTACT ZONES,
100u"/2.54um MIN TIN OVER Ni IN SOLDERING ZONES,
OTHERWISE GOLD FLASH OR UNPLATED.
- 4 APPLICATION INFORMATION:
- A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".
- B. MATING PINS TO BE .0176/0.447 TO .0181/0.459 DIA.
- C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .006/0.15 DIA.
- D. SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/0.25.
- ⑤ LEAD TIPS TO BE ABOVE HEEL UP TO .007/0.18 MAX. COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
6. IF L F P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
8. PRODUCT SPEC PER BUS-12-087.
9. PN DEFINE:
- 87024-605XXLYF
- LEAD FREE
- WITH "TR": TAPE AND REEL+CAP
WITHOUT "CT": TUPE+CAP
- WITH "P": THE CARRIER'S PITCH IS 16MM
WITHOUT "P": THE CARRIER'S PITCH IS 12MM
- WITH "S": THE POST'S DIAMETER IS 1.00MM, FOR FIGURE B
WITHOUT "S": THE POST'S DIAMETER IS 1.321MM, FOR FIGURE A
- 

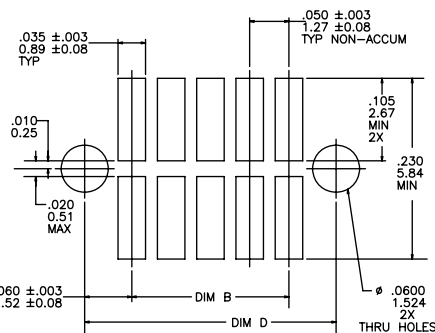


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

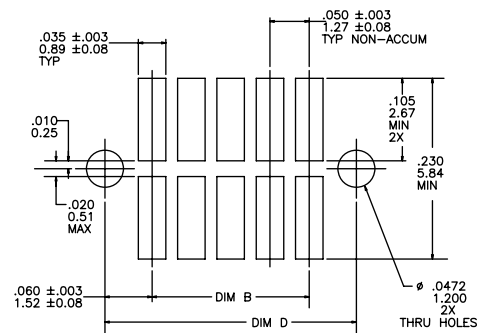


FIGURE B
RECOMMENDED
P.C.B. LAYOUT

mat'l. code				surface ☒ tolerance ISO 1302 ☒ ISO 406 ISO 1101		projection 		product family RIB CAGE	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1		title	
AH				angles	linear			.050cc VERT. SMT. W/LOC. & POL. FEATURE	
				±.02	±.004/0.01/0.04/0.13 ±.004/0.007/0.003/0.051			dwg no	
				eng B. CLOUSER 6/26/91				sheet 2 of 3	
				dwr M. BARUFFALO 6/26/91				87024	
				chr B. BARUFFALO 6/26/91				A3	
				app B. BARUFFALO 6/26/91				type Product Customer Drawing	
sheet index		revision sheet							