

Excellent Integrated System Limited

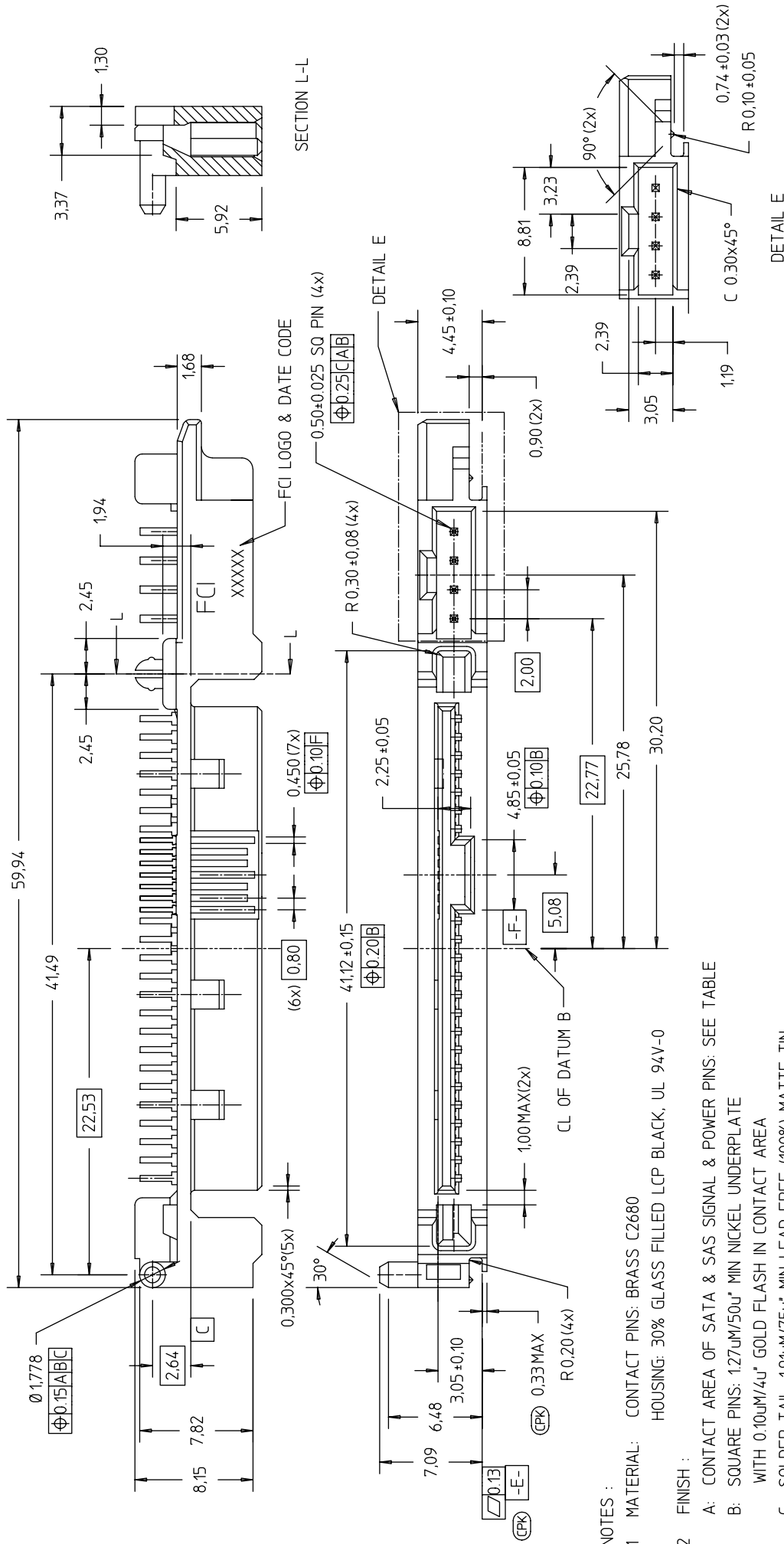
Stocking Distributor

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

[FCI](#)
[10082443-002LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

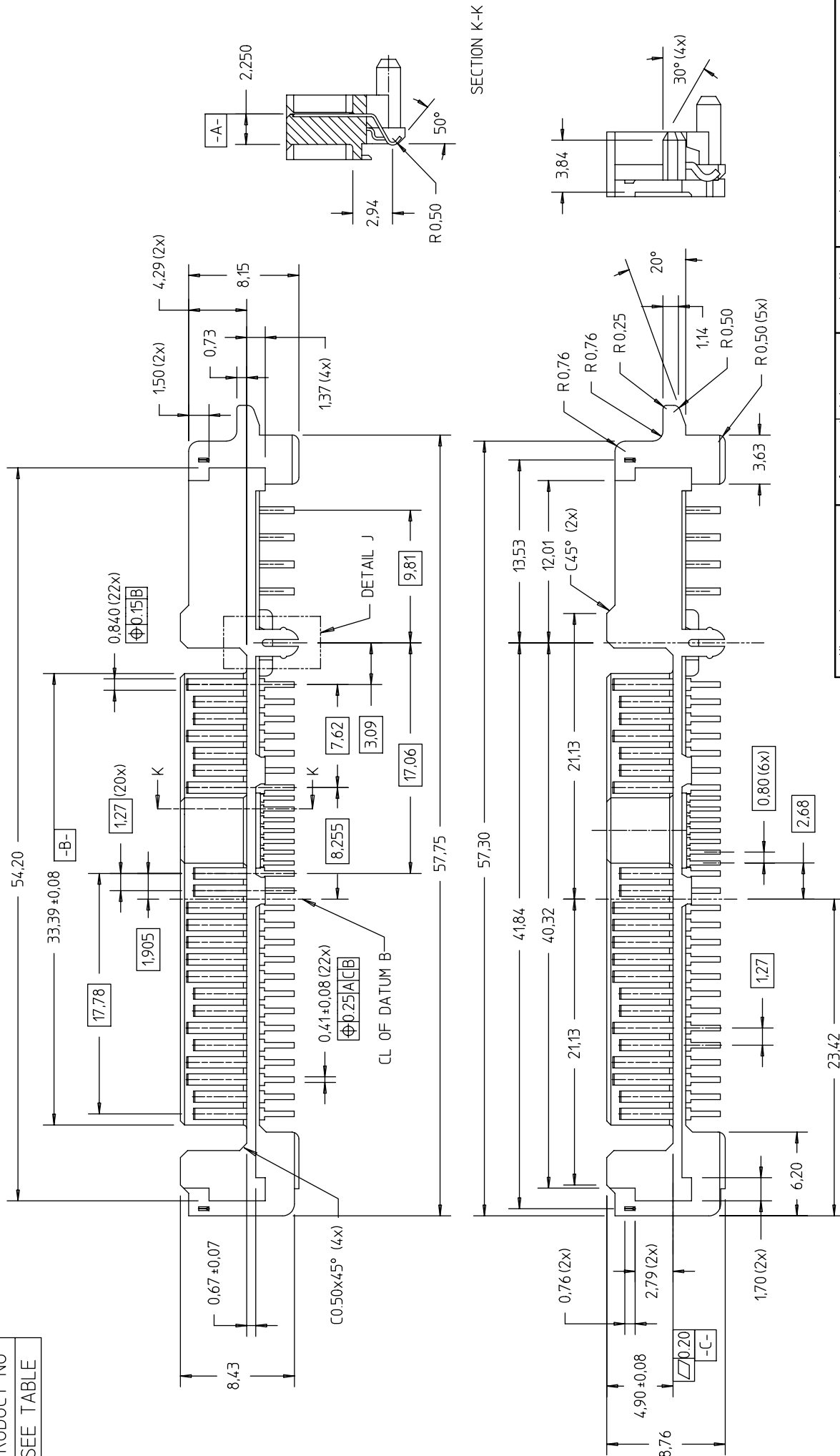


NOTES :

- MATERIAL:** CONTACT PINS: BRASS C2680
HOUSING: 30% GLASS FILLED LCP BLACK, UL 94V-0
- FINISH :**
 - CONTACT AREA OF SATA & SAS SIGNAL & POWER PINS: SEE TABLE
 - SQUARE PINS: 127µM/50µ" MIN NICKEL UNDERPLATING
WITH 0.10µM/4µ" GOLD FLASH IN CONTACT AREA
 - SOLDER TAIL: 191µM/75µ" MIN LEAD FREE (100%) MATTE TIN
- PIN RETENTION FORCE: 12 LBS MIN PER PIN BEFORE AND AFTER EXPOSURE TO REFLOW (245°C) TEMPERATURE
- CRITICAL DIMENSIONS; SPC REQUIRED**
- PACKAGING: 44 PCS PER TRAY. 572 PCS PER BOX
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHERY COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

mat'l. code				surface	tolerance	projection	product family	SAS PLUG
lir	ec	no	dr	ISO 1302	ISO 406 ISO 1101	mm	title	
A	S08-0078	RC	2008-03-19	linear	xx ± 0.25	mm	2.5" SAS PLUG	
B	S08-0106	RC	2008-04-08	angles	xxx ± 0.13	mm		
C	S09-0134	RC	2009-04-28	3°	xxx ± 0.05	Scale 2.5 : 1		
				dr	R. CRSTA 2008-03-19		dwg no	sheet 1 of 4 size
				enrg	R. CRSTA 2009-04-28		10082443	A4
				chr	R. CRSTA 2009-04-28			
				appd	JOEY NG 2009-04-28			
sheet	revision						type	CUSTOMER Drawing
index	sheet							

PRODUCT NO
SEE TABLE



mat'l. code				surface	tolerance	projection	product family	SAS PLUG
lir	ecn	no	dr	date	ISO 1302	ISO 406 ISO 1101	title	
A					linear		2.5 SAS PLUG	
B								
C								
				dr	R. CRASTA	2008-03-19	dwg no	sheet 2 of 4 size
				enrg	R. CRASTA	2009-04-28	10082443	A4
				chr	R. CRASTA	2009-04-28		
				appd	JOEY NG	2009-04-28		
sheet	revision						type	CUSTOMER
index	sheet						Drawing	

SECTION B-B

4.35±0.08 (11x) LONG CONTACT
3.90±0.08 (11x) SHORT CONTACT

1.95±0.08 0.34 MAX

R0.25±0.08 45°

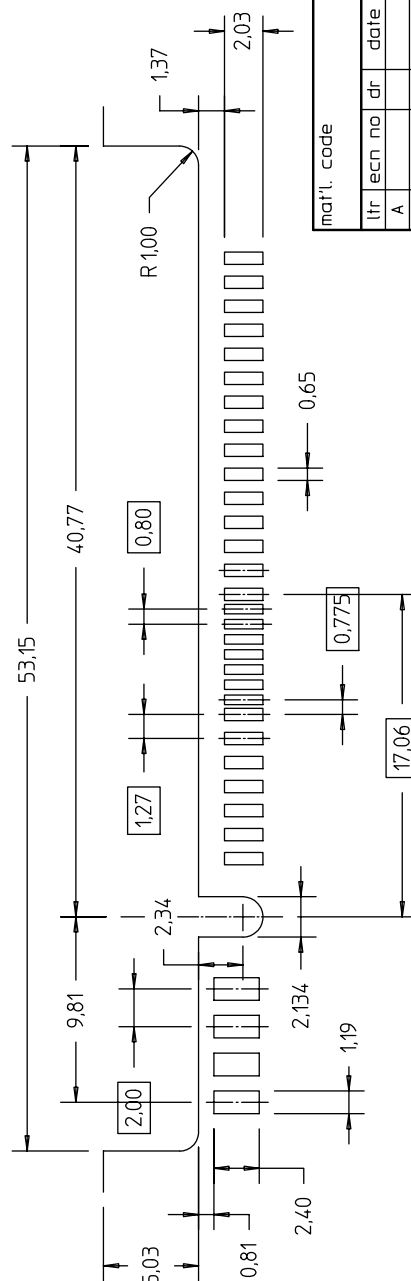
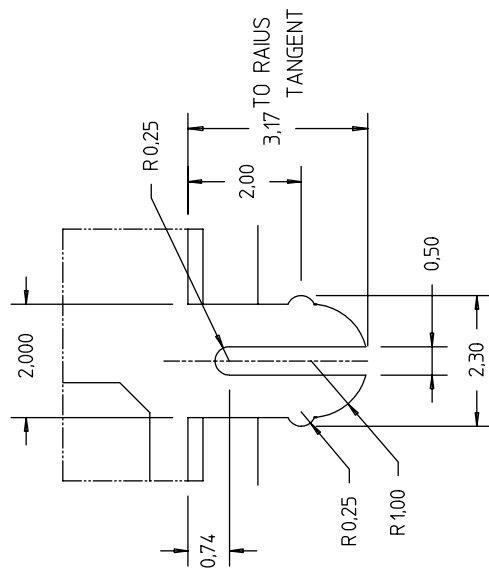
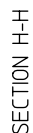
0.360 (3x) 1.230 0.21

R0.4 MAX R0.50 50° 0.52 (22x)

0.75 ^{+0.05}/_{-0.10} (CPK) 0.25

-A- -E- -C-

form: A4



RECOMMENDED PCB LAYOUT

mat'l. code					surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	SAS PLUG
	thr	ecm no	dr	date	tolerances unless otherwise specified			title	2.5" SAS PLUG
A									
B				angles					
C				linear					
							scale		
					dr	R. CRASTA	2008-03-19	dwg no	sheet 4 of 4 size
					engr	R. CRASTA	2009-04-28	10082443	A4
					chr	R. CRASTA	2009-04-28		
					appd	JOEY NG	2009-04-28	type	CUSTOMER Drawing
	sheet	revision							
	index	sheet							