

Excellent Integrated System Limited

Stocking Distributor

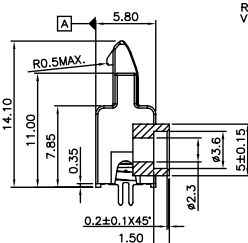
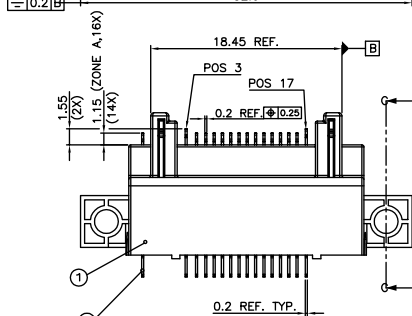
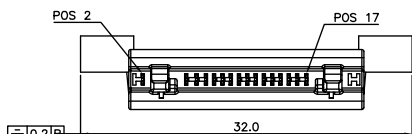
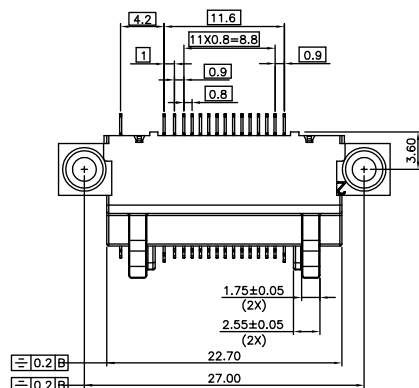
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[54059-023LF](#)

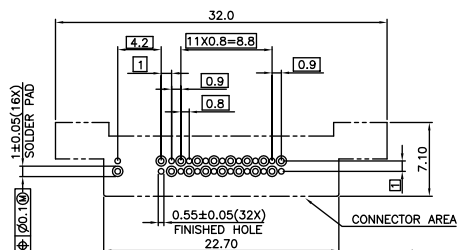
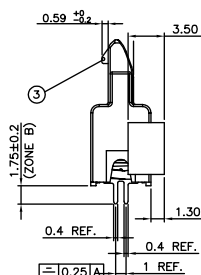
For any questions, you can email us directly:

sales@integrated-circuit.com

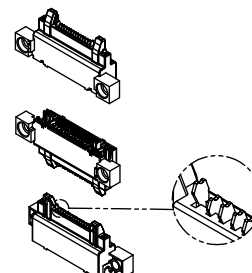
PRODUCT NUMBER	CONTACT NUMBER	COLOR	MATERIAL	REMARK
54059-012-LF	16	GRAY	PBT	WITH LATCH
54059-013-LF	16	BLACK	PBT	WITH LATCH
54059-016-LF	16	BLACK	PA-9T	WITH LATCH
54059-017-LF	16	GRAY	PA-46	WITH LATCH
54059-022-LF	16	GRAY	PA-46	WITHOUT LATCH



SECTION C-C



Required board layout
View on backside



SECTION B-B
Max. angle to
rotate receptacle.

- NOTES:
1. MATERIAL
1-1 ① HOUSING: HIGH TEMP. PLASTIC PBT OR PA-46
UL94V-0.
1-2 ② CONTACT: BERYLLIUM COPPER.
1-3 ③ LATCH: STAINLESS STEEL.
2. FINISH
2-1 CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
—ZONE A: 0.8um(30u") GXT. GOLD 0.05um(2u")
—ZONE B: Matte pure Tin 2.5um FOR 54059-012-LF, 54059-013-LF,
54059-016-LF, 54059-017-LF AND 54059-022-LF
3. PACKAGE
3-1 PACKAGING SPECIFICATION: GES-14-535, PRODUCT TO BE PACKED IN TRAYS
4. Suffix "—LF" means of lead free plating.
5. THE HOUSING OF 54059-016-LF AND 54059-017-LF WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION
6. 54059-016-LF AND 54059-017-LF MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
7. LEAD FREE LABEL ON THE CARTON OF 54059-016-LF, 54059-017-LF AND 54059-022-LF PER GS-14-820

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.20	projection	title		
AA	pg04-0082 P	M	041108		.XX ± 0.10				
AB	pg05-0019 P	M	050128	angles	0° ± 5°		DESKTOP BLOCK ASSEMBLY		
AB	pg05-0207 P	M	050706						
AD	pg05-0252 P	M	050727	dr A.Oppers	991028		product family	MOBILE I/O	code
AD	pg06-0454 C	L	061106	engr H.Vereijken	991028		size dwg no		TWN
AE	pg06-0508 C	L	061222	H.v.d.Steen	991028	scale 1.5:1	A4	54059	sheet 1 of 3
AF	pg08-0088 B	L	080410	appd JOSEPH HSA	991028				
sheet index	revision sheet	AF	X X	1 2 3					

ACAD

PDM: Rev:AF

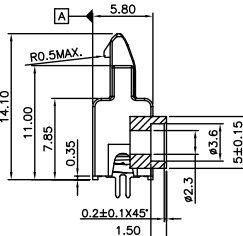
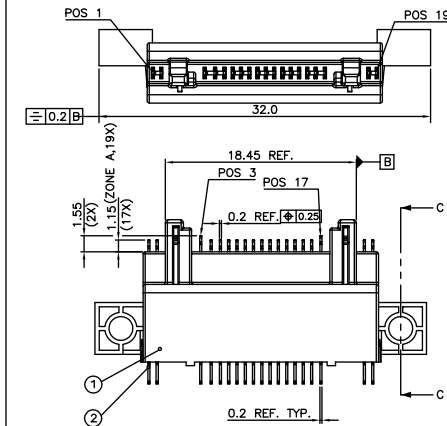
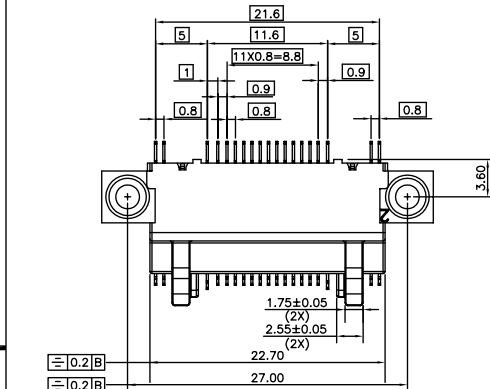
STATUS: **Released**

2526
Printed: May 27, 2010

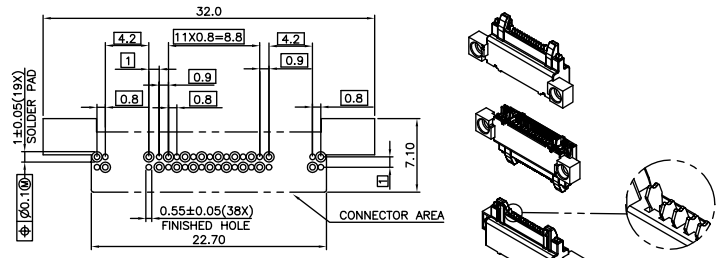
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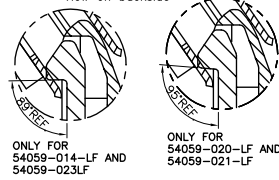
PRODUCT NUMBER	CONTACT NUMBER	COLOR	MATERIAL	REMARK
54059-014-LF	19	BLACK	PBT	LATCH WITH 89° ANGLE
54059-023LF	19	BLACK	PA-9T	LATCH WITH 89° ANGLE
54059-018	19	BLACK	PA-9T	NO LATCH
54059-018-LF	19	BLACK	PA-9T	NO LATCH
54059-019	19	GRAY	PA-46	NO LATCH
54059-019-LF	19	GRAY	PA-46	NO LATCH
54059-020-LF	19	BLACK	PA-9T	LATCH WITH 95° ANGLE
54059-021-LF	19	GRAY	PA-9T	LATCH WITH 95° ANGLE



SECTION C-C



Required board layout
View on backside



DETAIL A (SCALE 2.5)

- NOTES:
- MATERIAL
 - HOUSING: HIGH TEMP. PLASTIC PBT OR EQUIVALENT.
 - CONTACT: BERYLLIUM COPPER.
 - LATCH: STAINLESS STEEL.
 - FINISH
 - CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
 - ZONE A: 0.8um(30u") GXT. GOLD 0.05um(2u")
 - ZONE B: SnPb 2.5um FOR 54059-018/019 or matte pure Tin2.5um FOR 54059-014-LF, 54059-018-LF, 54059-019-LF AND 54059-020-LF
 - PACKAGE
 - PACKAGING SPECIFICATION: GES-14-535, PRODUCT TO BE PACKED IN TRAYS
 - SUFFIX "-LF" MEANS OF LEAD FREE PLATING.
 - THE HOUSING OF 54059-018-LF, 54059-019-LF, 54059-020-LF AND 54059-021-LF WILL WITHSTAND EXPOSURE TO 245°C TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION
 - 54059-018-LF, 54059-019-LF, 54059-020-LF AND 54059-021-LF MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
 - LEAD FREE LABEL ON THE CARTON OF 54059-018-LF, 54059-019-LF, 54059-020-LF AND 54059-021-LF PER GS-14-920

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
lir	ecn	no	dr	date	linear	projection	title	product family	MOBILE I/O
X					.X ± 0.20		DESKTOP BLOCK ASSEMBLY		
					.XX ± 0.10				
					angles	0° ± 5°			
					dr	A.Oppers	991028		
					engr	H.Vereijken	991028		
					chr	H.v.d.Steen	991028		
					appd	JOSEPH HSIA	991028		
sheet	revision								
index	sheet								

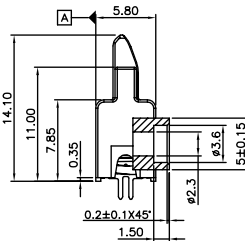
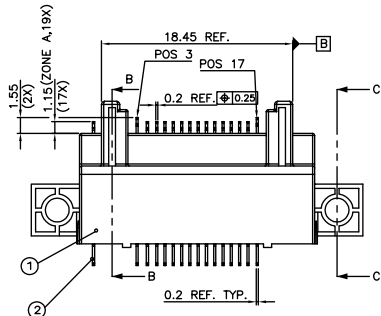
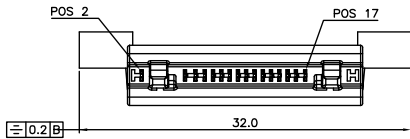
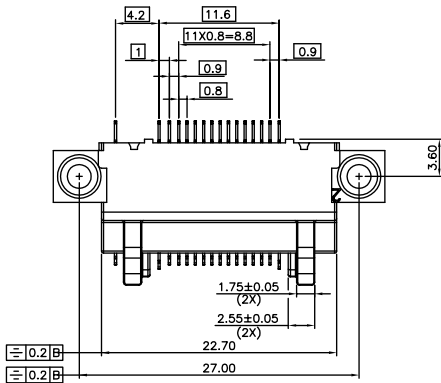
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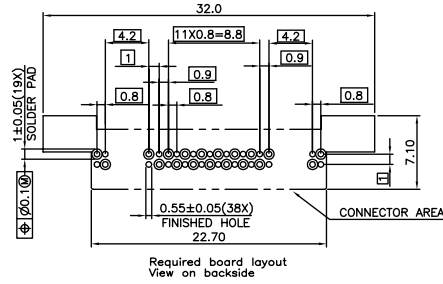
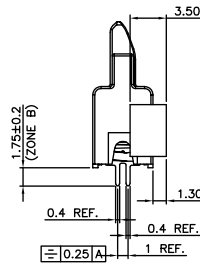
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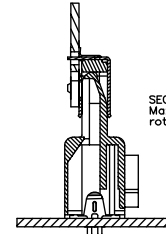
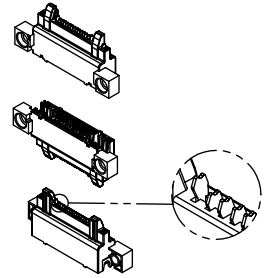
PRODUCT NUMBER	CONTACT NUMBER	COLOR	MATERIAL
54059-015-LF	16	GRAY	PBT



SECTION C-C



Required board layout
View on backside



SECTION B-B
Max. angle to rotate receptacle.

NOTES:

1. MATERIAL
1-1 ① HOUSING: HIGH TEMP. PLASTIC PBT OR EQUIVALENT.
UL94V-0
1-2 ② CONTACT: BERYLLIUM COPPER.
2. FINISH
2-1 CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
--- ZONE A: 0.8um(30u") GXT. GOLD 0.05um(2u")
--- ZONE B: Matte pure Tin 2.5um(100u")(LF).
3. PACKAGE
3-1 PACKAGING SPECIFICATION: GS-14-535, PRODUCT TO BE PACKED IN TRAYS.
4. SUFFIX "-LF" MEANS OF LEAD FREE PLATING.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
lir	ecn no	dr	date	linear	.X ± 0.20 .XX ± 0.10	projection	title	product family	MOBILE I/O
X				angles	0° ± 5°	MM	DESKTOP BLOCK ASSEMBLY	size	dwg no
				dr	A.Oppers 991028	scale		54059	code
				enrg	H.Vereijken 991028				TWN
				chr	H.v.d.Steen 991028				sheet
				appd	JOSEPH HSIA 991028				3 of
sheet index	revision sheet								

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STATUS: Released

cage code 22526

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