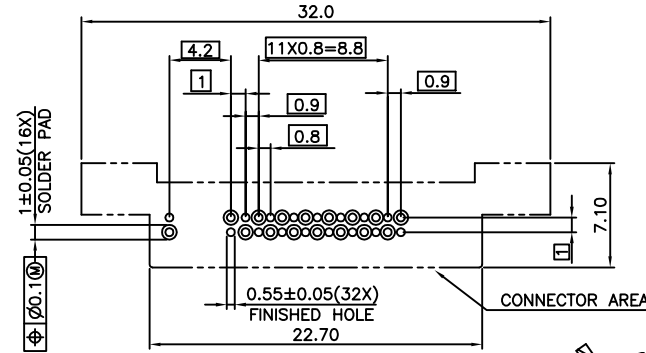
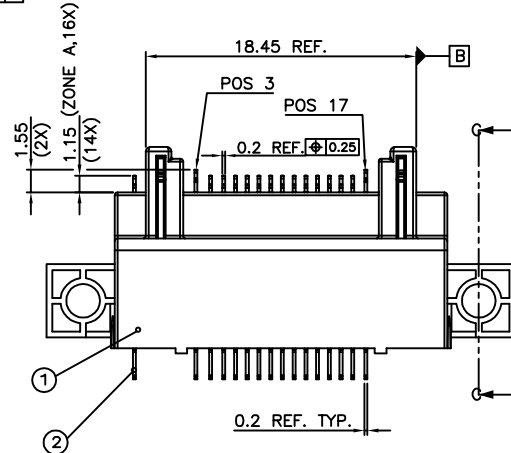
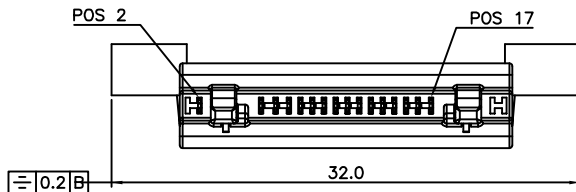
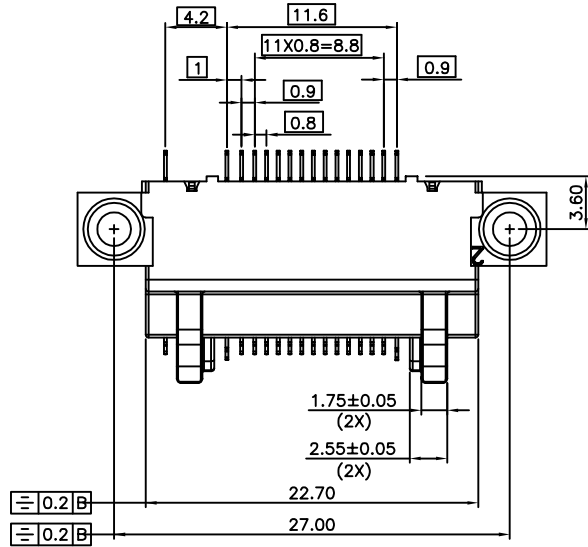
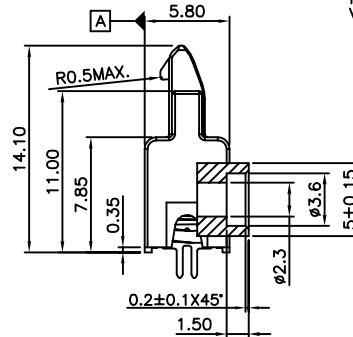


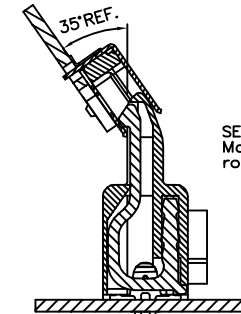
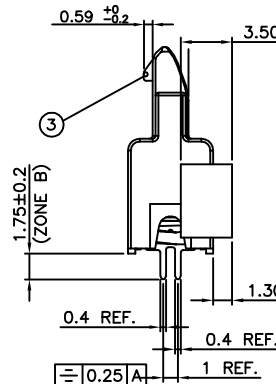
PRODUCT NUMBER	CONTACT NUMBER	COLOR	MATERIAL	REMARK
54059-012-LF	16	GRAY	PBT	WITH LATCH
54059-013-LF	16	BLACK	PBT	WITH LATCH
54059-016-LF	16	BLACK	PA-9T	WITH LATCH
54059-017-LF	16	GRAY	PA-46	WITH LATCH
54059-022-LF	16	GRAY	PA-46	WITHOUT LATCH



Required board layout
View on backside



SECTION C-C



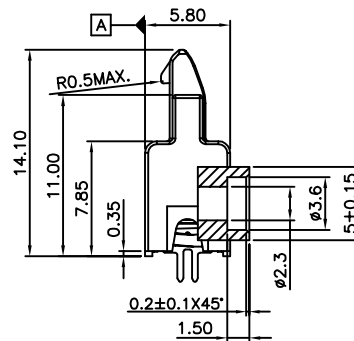
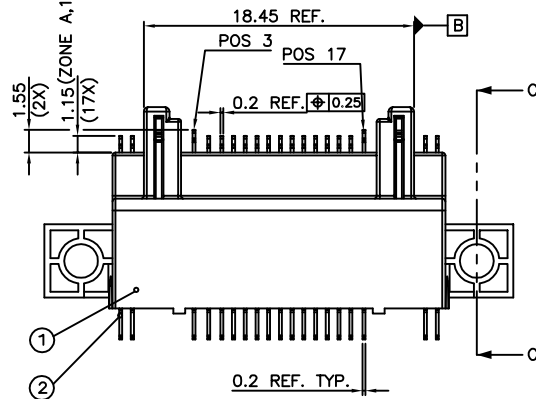
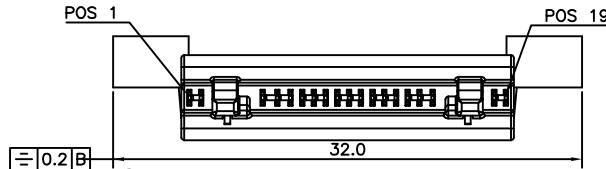
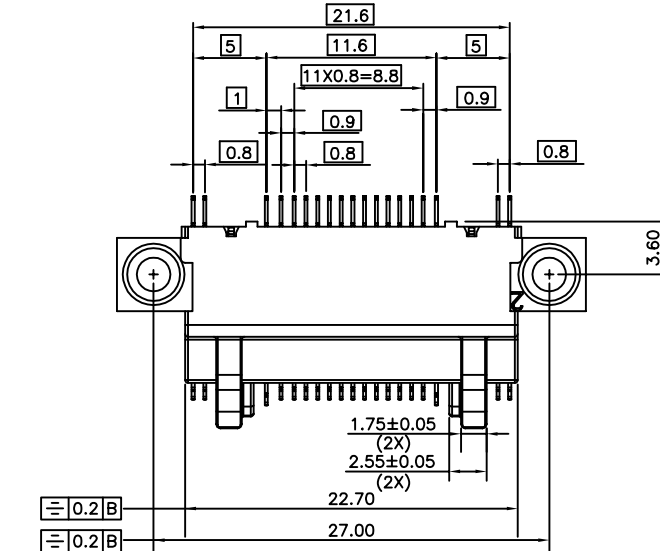
SECTION B-B
Max. angle to
rotate receptacle.

NOTES:

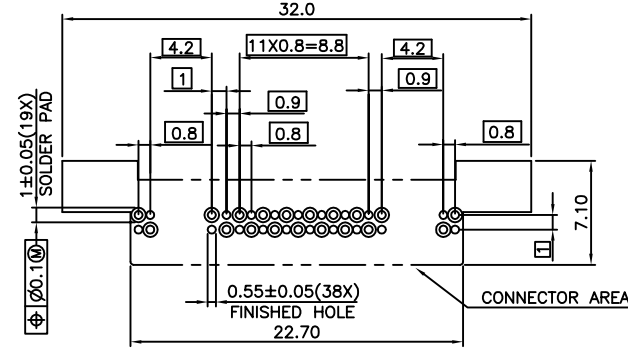
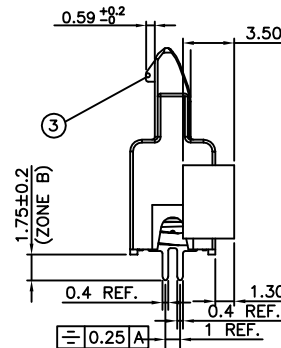
- MATERIAL
1-1 ① HOUSING: HIGH TEMP. PLASTIC PBT OR PA-46
UL94V-0.
1-2 ② CONTACT: BERYLLIUM COPPER.
1-3 ③ LATCH: STAINLESS STEEL.
- FINISH
2-1 CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
--ZONE A: 0.8um(30u") GXT. GOLD 0.05um(2u")
--ZONE B: Matte pure Tin 2.5um FOR 54059-012-LF, 54059-013-LF,
54059-016-LF, 54059-017-LF AND 54059-022-LF
- PACKAGE
3-1 PACKAGING SPECIFICATION: GES-14-535, PRODUCT TO BE PACKED IN TRAYS
4. Suffix "-LF" means of lead free plating.
- 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
- 54059-016-LF AND 54059-017-LF MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- LEAD FREE LABEL ON THE CARTON OF 54059-016-LF, 54059-017-LF AND 54059-022-LF PER GS-14-920

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		
ltr	ecn no	dr	date	linear	.X ± 0.20	projection	MM	www.fciconnect.com		
X	dg04-0082	P M	041108		.XX ± 0.10			title		
AA	dg05-0019	P M	050128	angles	0° ± 5°	scale	1.5:1	DESKTOP BLOCK ASSEMBLY		
AB	dg05-0207	P M	050706							
AC	dg05-0250	P M	050727	dr	A.0ppers	991028	A4	product family	MOBILE I/O	code
AD	dg06-0452	C L	061106	enrg	H.Vereijken	991028		size	dwg no	TWN
AE	dg06-0509	C L	061222	chr	H.v.d.Steen	991028		54059		sheet
AF	dg08-0088	B L	080410	appd	JOSEPH HSIA	991028				1 of 3
sheet	revision	AF	X	X						
index	sheet	1	2	3						

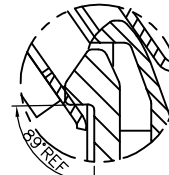
PRODUCT NUMBER	CONTACT NUMBER	COLOR	MATERIAL	REMARK
54059-014-LF	19	BLACK	PBT	LATCH WITH 89° ANGLE
54059-023LF	19	BLACK	PA-9T	LATCH WITH 89° ANGLE
54059-018	19	BLACK	PA-9T	NO LATCH
54059-018-LF	19	BLACK	PA-9T	NO LATCH
54059-019	19	GRAY	PA-46	NO LATCH
54059-019-LF	19	GRAY	PA-46	NO LATCH
54059-020-LF	19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



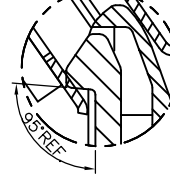
SECTION C-C



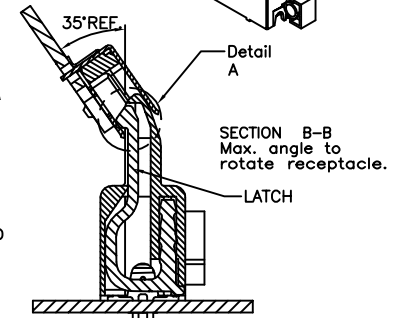
Required board layout
View on backside



ONLY FOR
54059-014-LF AND
54059-023LF

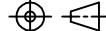


ONLY FOR
54059-020-LF AND
54059-021-LF

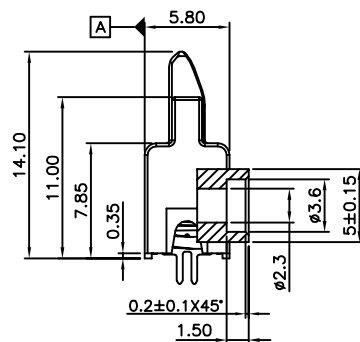
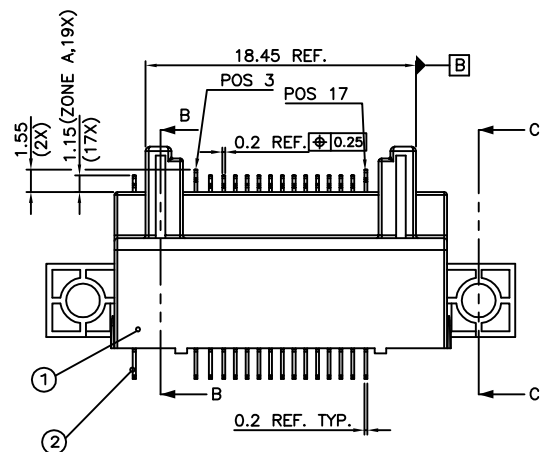
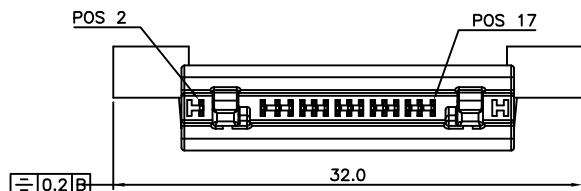
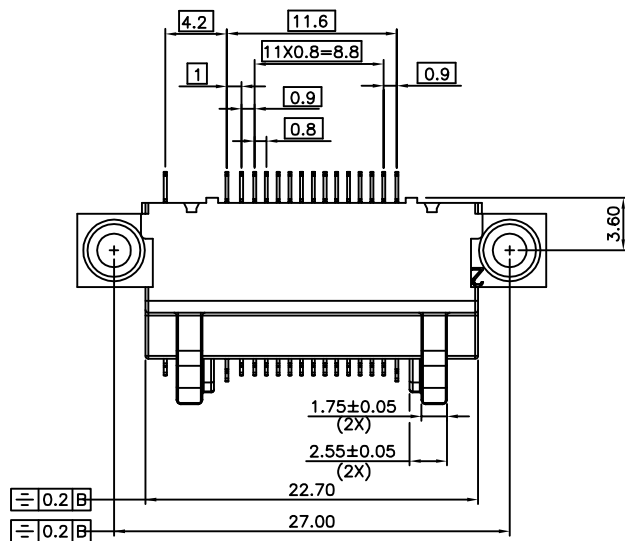


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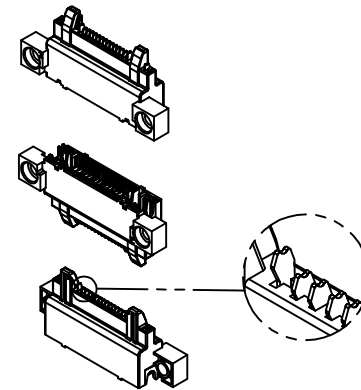
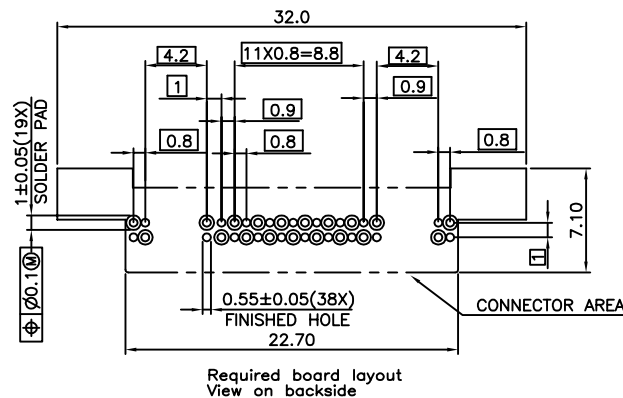
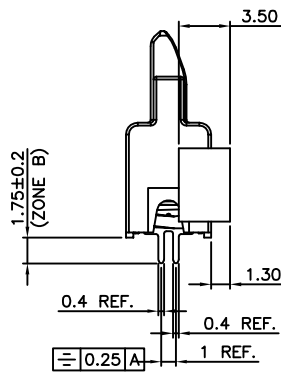
- MATERIAL
 - HOUSING: HIGH TEMP. PLASTIC PBT OR EQUIVALENT. UL94V-0.
 - CONTACT: BERYLLIUM COPPER.
 - LATCH: STAINLESS STEEL.
- FINISH
 - CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
 - ZONE A: 0.8um(30u") GXT. GOLD 0.05um(2u")
 - ZONE B: SnPb 2.5um FOR 54059-018/019 or matte pure Tin2.5um FOR 54059-014-LF, 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		 www.fciconnect.com					
ltr	ecn no	dr	date	linear	.X ± 0.20			projection 	title DESKTOP BLOCK ASSEMBLY					
X					.XX ± 0.10									
				angles	0° ±5°			MM  scale 1.5:1	product family		MOBILE I/O		code	
				dr	A.Oppers	991028	size		dwg no		54059		sheet 2 of	
				enrg	H.Vereijken	991028								
				chr	H.v.d.Steen	991028								
				appd	JOSEPH HSIA	991028								
sheet index		revision sheet												

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



SECTION C-C



SECTION B-B
Max. angle to rotate receptacle.

NOTES:

- MATERIAL
1-1 ① HOUSING: HIGH TEMP. PLASTIC PBT OR EQUIVALENT.
UL94V-0
1-2 ② CONTACT: BERYLLIUM COPPER.
- 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).
- PACKAGE
3-1 PACKAGING SPECIFICATION: GS-14-535, PRODUCT TO BE PACKED IN TRAYS.
- SUFFIX "-LF" MEANS OF LEAD FREE PLATING.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.20 .XX ± 0.10	projection	title	www.fciconnect.com	
X				angles	0° ± 5°	MM	DESKTOP BLOCK ASSEMBLY		
				dr	A.Oppers 991028	scale	product family	MOBILE I/O	code
				enr	H.Vereijken 991028		size	dwg no	TWN
				chr	H.v.d.Steen 991028		54059		sheet
				appd	JOSEPH HSIA 991028		A4		3 of
sheet index	revision sheet								