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Amphenol FCi

NOTES:
1.MATERIAL:
HOUSING: HIGH TEMP THERMAL PLASTIC WITH 30% G/F UL94 V-0
COLOR: BLACK
ESATA CONTACT: COPPER ALLOY,T=0.25mm
SHELL: COPPER ALLOY,T=0.30mm

2.FINISH:
CONTACT: GOLD PLATING ON CONTACT AREA
100u" MIN. MATT TIN PLATING ON SOLDERTAILS
50u" MIN.NICKEL UNDERPLATING OVER ALL
SHELL: BRIGHT TIN PLATING 100u" MIN.
50u" MIN. NICKEL UNDERPLATING OVER ALL

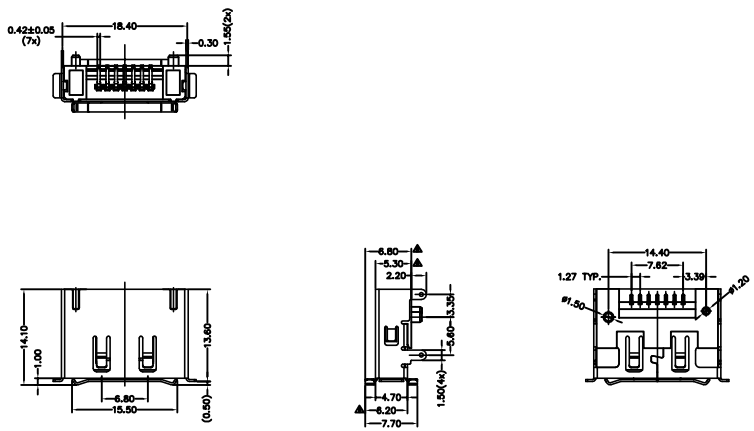
3. PRODUCT GS-12-386 ⚠
PACKING SPEC: GS-14-1099

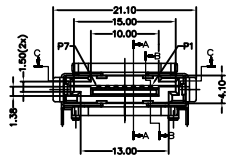
⚠4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260C PEAK TEMP. FOR 10 SECOND IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

6. PRODUCT NUMBERING:
10105449 - 0 0 X X LF
- LF: LEAD FREE
- X: R : TAPE & REEL PACKING
- X: 1 - 15u" GOLD AT CONTACT

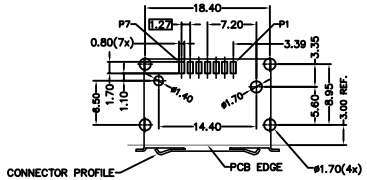
⚠7. A SYMBOL ⚠ WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION





PIN DEFINITION ⚠

ESATA	
NAME	TYPE
P1	GND
P2	A+
P3	A-
P4	GND
P5	B-
P6	B+
P7	GND



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

mat'l. code				surface	tolerance ASME Y14.5	projection	product family SATA
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	T09-1147	S.LIN	2009-11-17	angles	linear .0±.38	mm	E-SATA PLUG R/A
B	S-26783	HKL	2017-04-25		.00±.25		TOP MOUNT SMT TYPE
				0°±2°	.000±.150	scaleN.T.S.	
				dr	Sterling Lin 2009-11-17	Amphenol FCi	dwg no 10105449 sheet 1 of 1 size A4
				engr	HK LIM 2017-04-19		
				chr	HK LIM 2017-04-19		
				appd	KP TAY 2017-04-19		type Product Customer Drawing
sheet index	revision	B					
	sheet	1					

form: A4mmXLc-2016-02-24

PDS: Rev :B STATUS:Released Printed: May 04, 2017