Excellent Integrated System Limited

Stocking Distributor

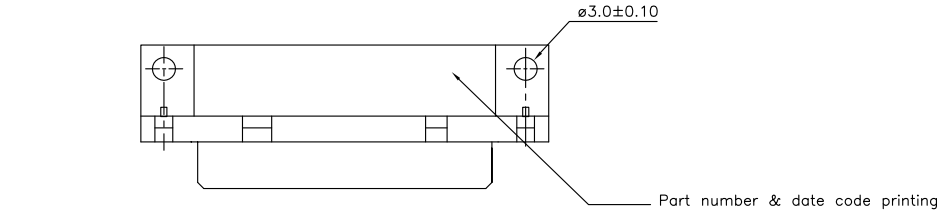
Click to view price, real time Inventory, Delivery & Lifecycle Information:

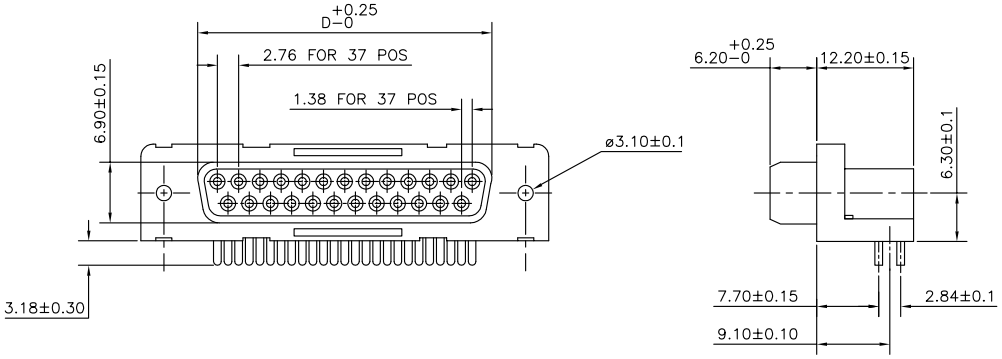
FCI
D37S33E6PA119LF

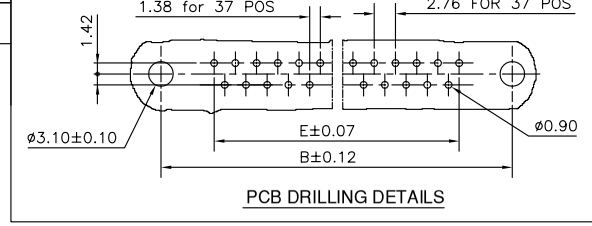
For any questions, you can email us directly:
sales@integrated-circuit.com

Distributor of FCI: Excellent Integrated System Limited
Datasheet of D37S33E6PA119LF - D-Sub Connector Receptacle, Female Sockets 37 Position
Through Hole, Right Angle Solder
Contact us: sales@integratedcircuit.com Website: www.integrated-circuit.com
Copyright FCI

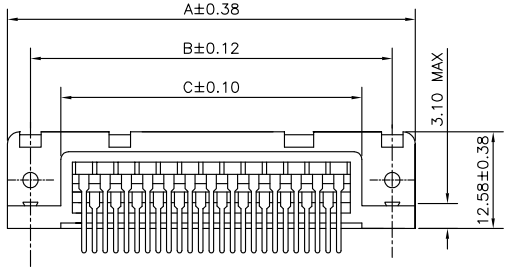
	37	69.32	63.50	55.68	53.75	49.68
SHELL	A	B	C	D	E	







PCB DRILLING DETAILS



TECHNICAL SPECIFICATIONS

MATERIAL

INSULATORS	:	SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
CONTACTS	:	COPPER ALLOY

PLATING

ACTIVE ZONE	:	GOLD OVER NICKEL
TERMINATION ZONE	:	2 µMIN.MATTE TIN TOP OVER 1.27µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)

ELECTRICAL DATA

MAX.CURRENT RATING	:	5A
TEST VOLTAGE	:	1000V
RATED VOLTAGE	:	300V
CONTACT RESISTANCE	:	≤ 25mΩ
INSULATION RESISTANCE	:	≥ 5000MΩ

ENVIRONMENTAL CHARACTERISTICS.

OPERATING TEMPERATURE RANGE	:	-55°C +125°C

MECHANICAL CHARACTERISTICS

INSERTION/EXTRACTION FORCE PER CONTACT	:	5 N Max./ 0.3 N Min.

ORDERING INFORMATION

D	3	7	S	3	3	E	6	P	A	1	1	9	L	F

SERIES

NO.OF CONTACTS
37

TYPE OF CONTACTS
S-SOCKET

TYPE OF TERMINATION
33-ANGLED SPILL
PITCH 2.84 USA

LEAD FREE

SPECIAL CODE
119 ->NO SHEILDING

MOUNTING OPTIONS
PA-> STDANDARD HOLE

PLATING
4- 200 MATING/UN MATING PERFORMANCE
6- 500 MATING/UN MATING PERFORMANCE

HEIGHT OF TERMINATION
E-3.18 US STANDARD

"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

Packaging as per GS-14-920

ltr	ecn no	dr	date
A	I07-0114	AS	2007/09/06

dr	GEORGE.V.JOSEPH	2007/04/13
engr	GEORGE.V.JOSEPH	2007/04/13
chr	ANISH.SALAM	2007/09/06
appd	BIJU.K.PAUL	2007/09/06

mat'l. code
surface ISO 1302
tolerance ISO 406 ISO 1101
tolerances unless otherwise specified
angles 0°±1°
linear .00±0.1 .000±.00X
projection
MM
scale –

sheet index | revision sheet | A 1

product family: DELTA-D
title: DELTA-D A/S FEMALE CONNECTOR (PA SPL.)
dwg no: C-DD-0124
sheet 1 of 1
size: A
type: Product Customer Drawing

form: A3