



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



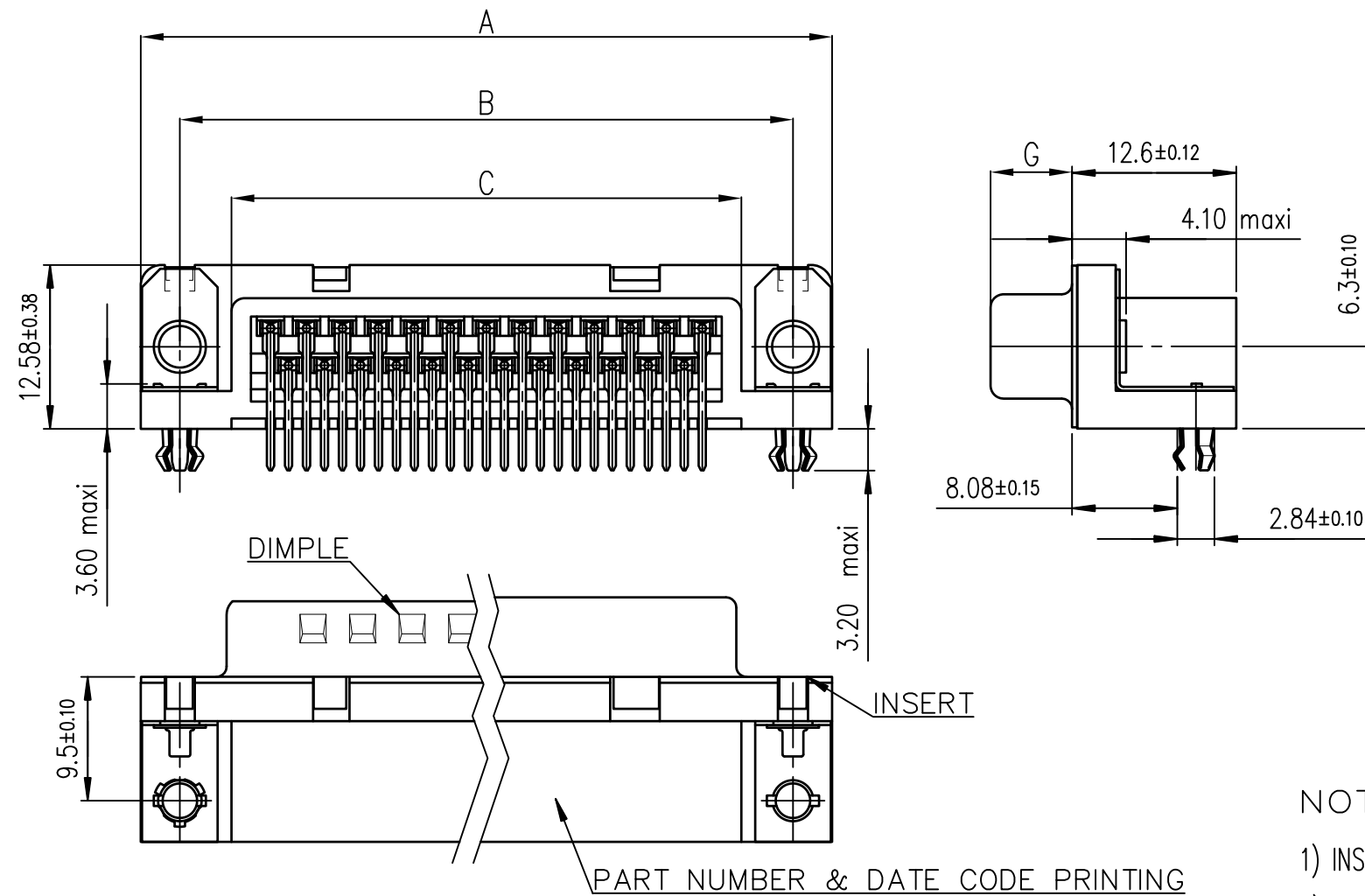
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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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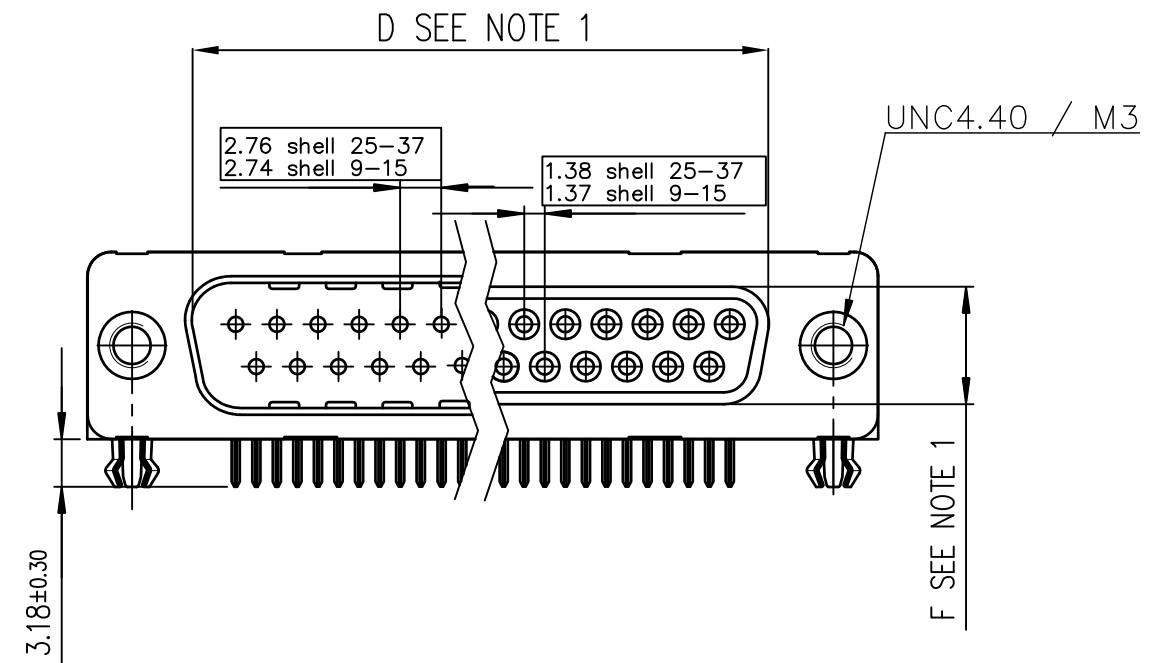




ORDERING INFORMATION

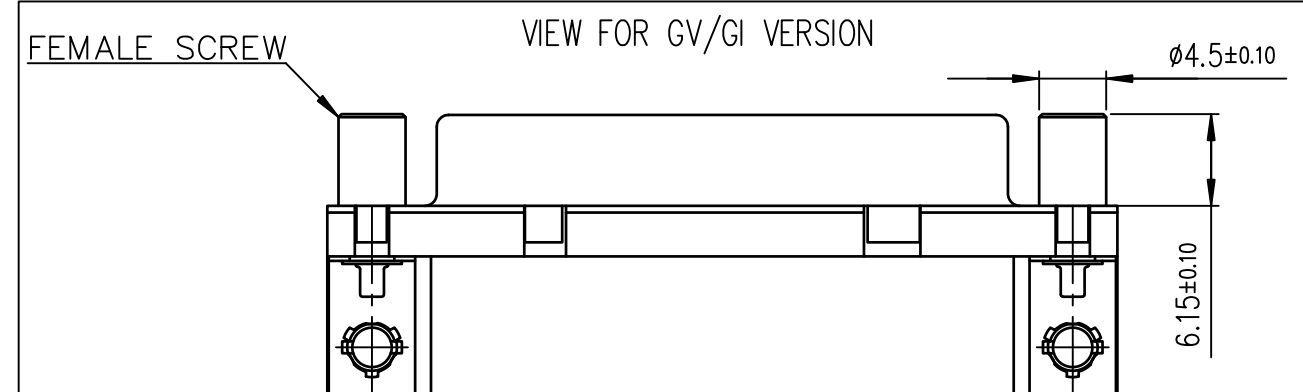
SERIES	LD 09 S 33E 4 GX 00 LF	LEAD FREE
NO: OF CONTACTS	09,15,25,37	STANDARD VERSION
CONTACTS	P - PIN S - SOCKET	MOUNTING ACCESSORY
TERMINATION TYPE	33E-RIGHT ANGLED(US VERSION) FOOTPRINT-8.08mm & PITCH-2.84mm	GX-HARPOONS+INSERT UNC 4-40+ELEC.CONTINUITY GL-HARPOONS+INSERT M3+ELEC.CONTINUITY GV-HARPOONS+FEMALE SCREW UNC 4-40+ELEC.CONTINUITY GI-HARPOONS+FEMALE SCREW M3+ELEC.CONTINUITY
		MATING CYCLES
		*FOR LD SERIES, REFER TECHNICAL SPECIFICATION

SHELL		A±0.38	B±0.12	C±0.10	D±0.25	E±0.07	F	G
09	P	30.81	24.99	16.96	16.79	10.96	8.35±0.12	5.90±0.15
	S	30.81	24.99	16.96	16.21	10.96	7.89±0.13	6.17±0.12
15	P	39.14	33.32	25.18	25.12	19.18	8.35±0.12	5.90±0.15
	S	39.14	33.32	25.18	24.54	19.18	7.89±0.13	6.17±0.12
25	P	53.03	47.04	39.12	38.84	33.12	8.35±0.12	5.70±0.25
	S	53.03	47.04	39.12	38.25	33.12	7.89±0.13	6.17±0.12
37	P	69.32	63.50	55.68	55.30	49.68	8.35±0.12	5.70±0.25
	S	69.32	63.50	55.68	54.71	49.68	7.89±0.13	6.17±0.12



NOTES:

- 1) INSIDE DIMENSIONS FOR THE MALE CONNECTOR AND OUTSIDE DIMENSIONS FOR THE FEMALE CONNECTOR
- 2) DIMPLE IS PROVIDED ONLY FOR THE MALE CONNECTOR
- 3) THE GENERAL VIEW IS FOR THE OPTION GX/GL



mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101	MM	D-SUB			
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title			
A	-	AB	2014-08-01	angles	linear					
B	ELX-I-19184	AB	2014-10-24	0°±2'	.000±0.1	scale 2:1	DELTA-D R/A US LD SERIES			
				dr	ALIAS BABU	2014-08-01	dwg no		sheet 1 of 2	size
				engr	ALIAS BABU	2014-10-24	10130914		A3	
				chr	MITHUN PAUL	2014-10-24				
				app	BIJU K PAUL	2014-10-24	type		Product Customer Drawing	
sheet index	revision	B	B							
	sheet	1	2							

TECHNICAL SPECIFICATION

PHYSICAL CHARACTERISTICS

INSULATOR MATERIAL : BLACK THERMOPLASTIC UL94 V0
CONTACTS MATERIAL : COPPER ALLOY
CONTACTS PLATING : GOLD FLASH OVER NICKEL
SHELL PLATING : NICKEL/TIN

ELECTRICAL CHARACTERISTICS

RATED VOLTAGE : 250V
RATED CURRENT : 5 A
CONTACT RESISTANCE : $\leq 25\text{m}\Omega$
INSULATION RESISTANCE : $\geq 5000\text{ M}\Omega$

MECHANICAL CHARACTERISTICS

MATING CYCLES : 50 MINIMUM
RETENTION AGAINST TORQUE : 0.5Nm

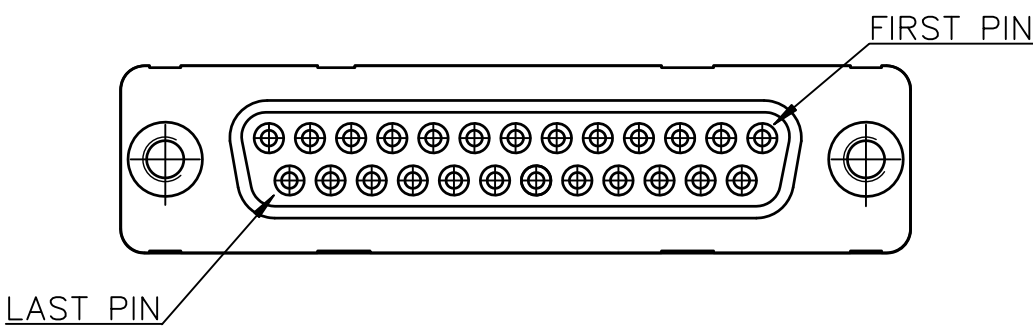
ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE : -55°C TO +105°C

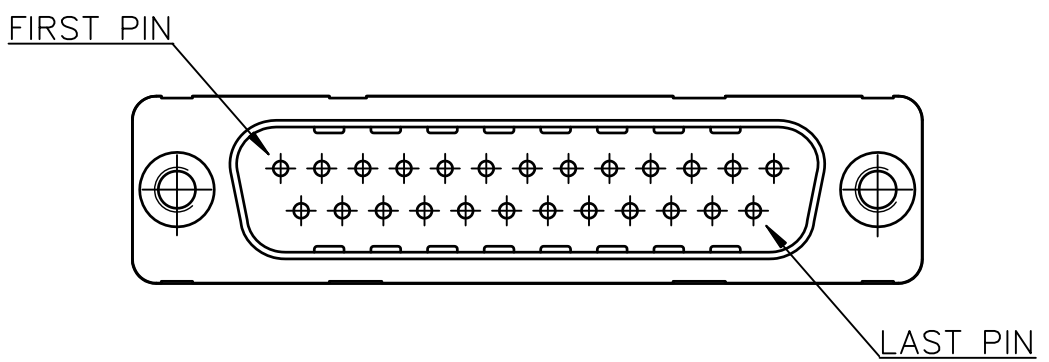
PACKING SPECIFICATION

REFER GS-14-2405

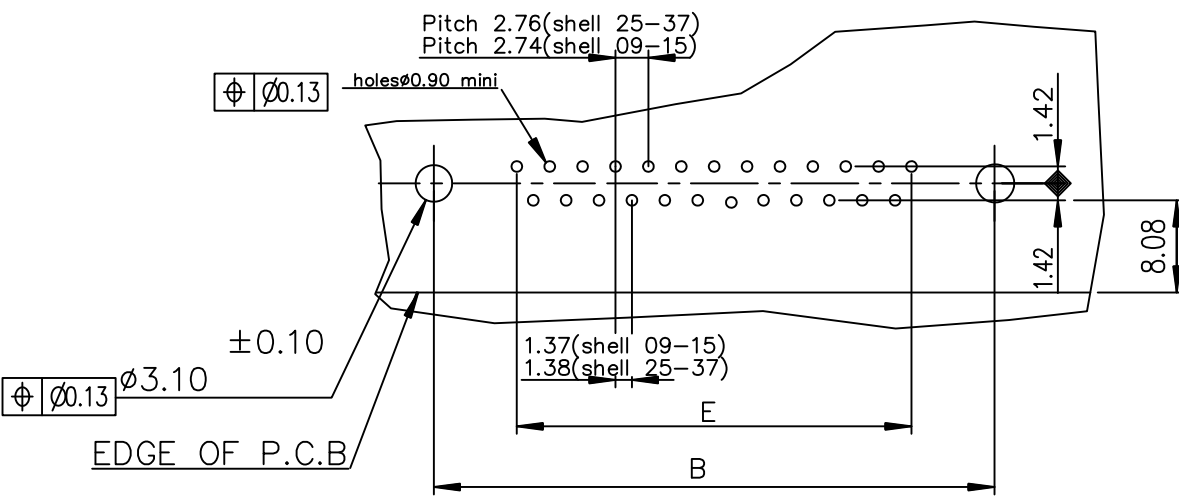
MATING VIEW FOR FEMALE CONNECTOR



MATING VIEW FOR MALE CONNECTOR



PC card drilling dimensions(after plating)
(thickness 1.60±0.20mm)



mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302		ISO 406		ISO 1101		D-SUB			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title			
B						angles		linear		DELTA-D R/A US			
						0°±2'				LD SERIES			
										dwg no			
										sheet 2 of 2			
										10130914			
										size			
										A3			
										type			
										Product Customer Drawing			
sheet index	revision			sheet									