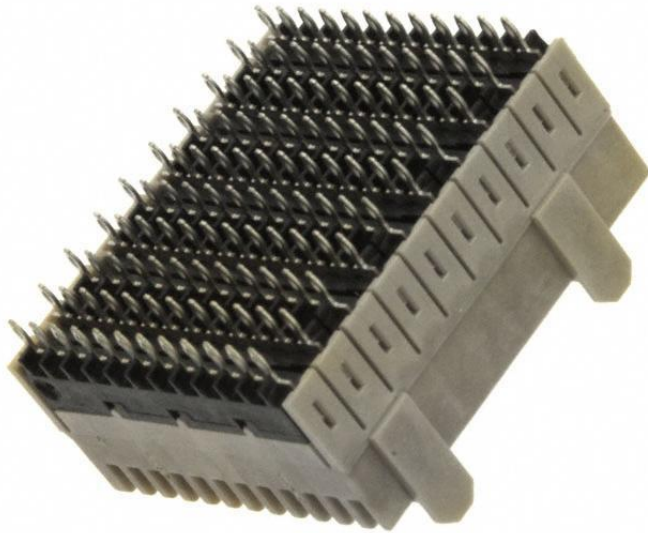


www.digi-electronics.com



10028264-101LF

<https://www.DiGi-Electronics.com>

64-101LF Datasheet

DiGi Electronics Part Number	10028264-101LF-DG
Manufacturer	Amphenol ICC (FCI)
Manufacturer Product Number	10028264-101LF
Description	CONN RCPT HIGH SPEED 120POS PCB
Detailed Description	120 Connector Receptacle, Female Sockets Through Hole Natural High Speed

Tel: +00 852 30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

10028264-101LF

Series:

Airmax VS®

Connector Usage:

Daughtercard

Connector Style:

High Speed

Number of Positions Loaded:

All

Number of Rows:

12

Mounting Type:

Through Hole

Contact Layout, Typical:

-

Contact Finish:

Gold

Color:

Natural

Material Flammability Rating:

Manufacturer:

Amphenol ICC (FCI)

Product Status:

Active

Connector Type:

Receptacle, Female Sockets

Number of Positions:

120

Pitch:

0.055" (1.40mm)

Number of Columns:

10

Termination:

Press-Fit

Features:

-

Contact Finish Thickness:

30.0µin (0.76µm)

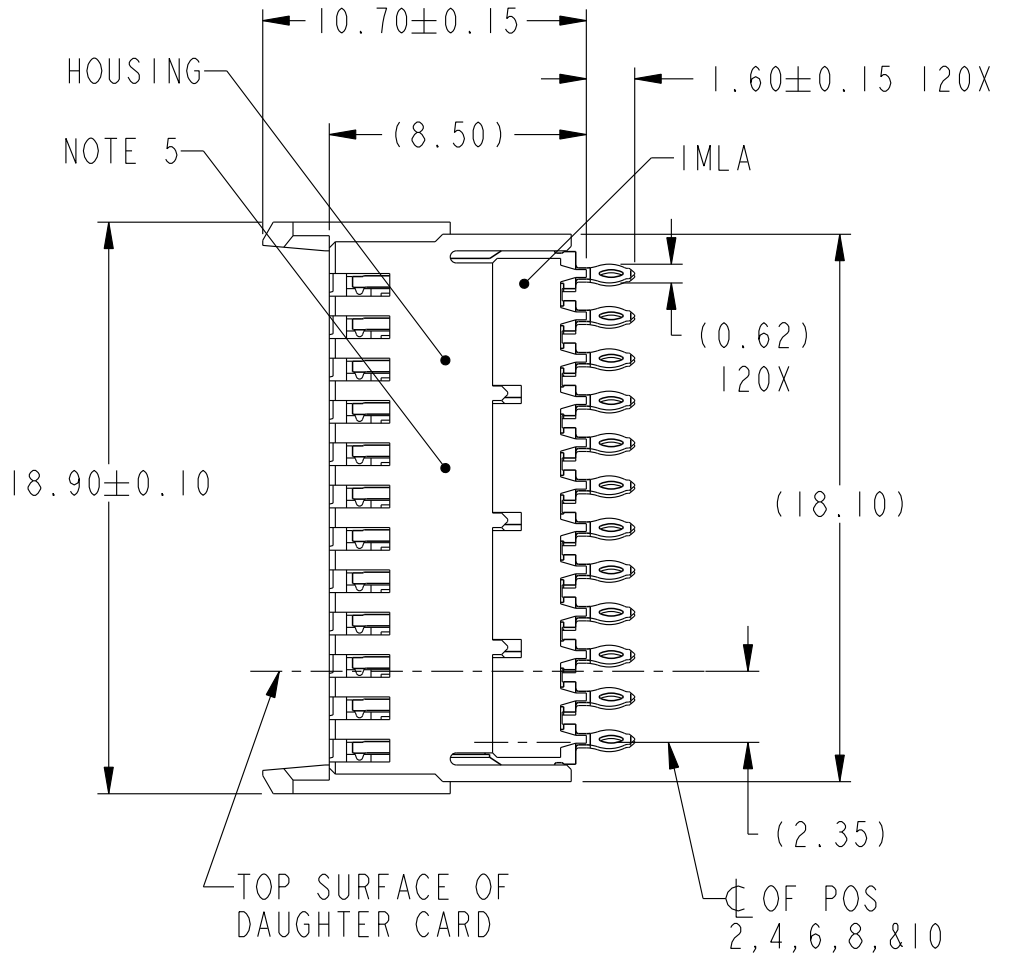
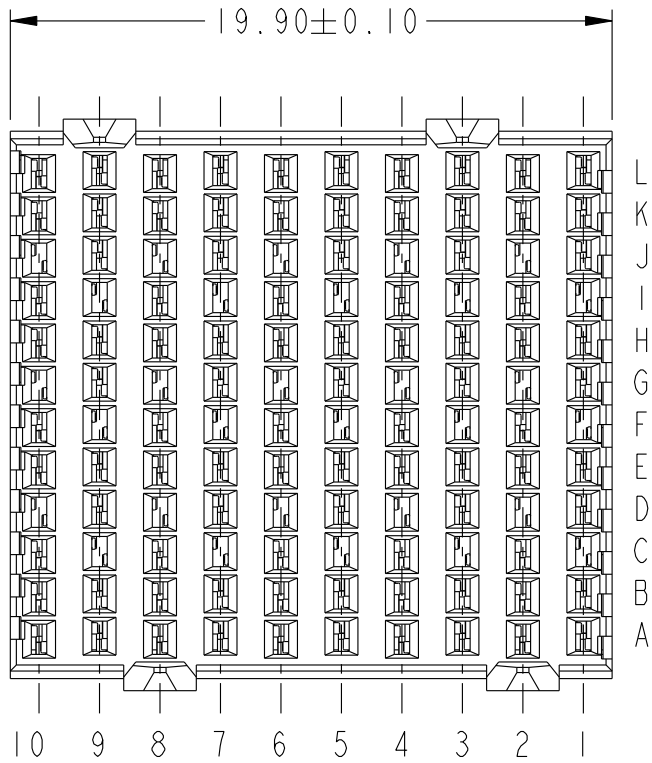
Current Rating (Amps):

-

Operating Temperature:

PRODUCT NUMBER
SEE TABLE, SHEET 4

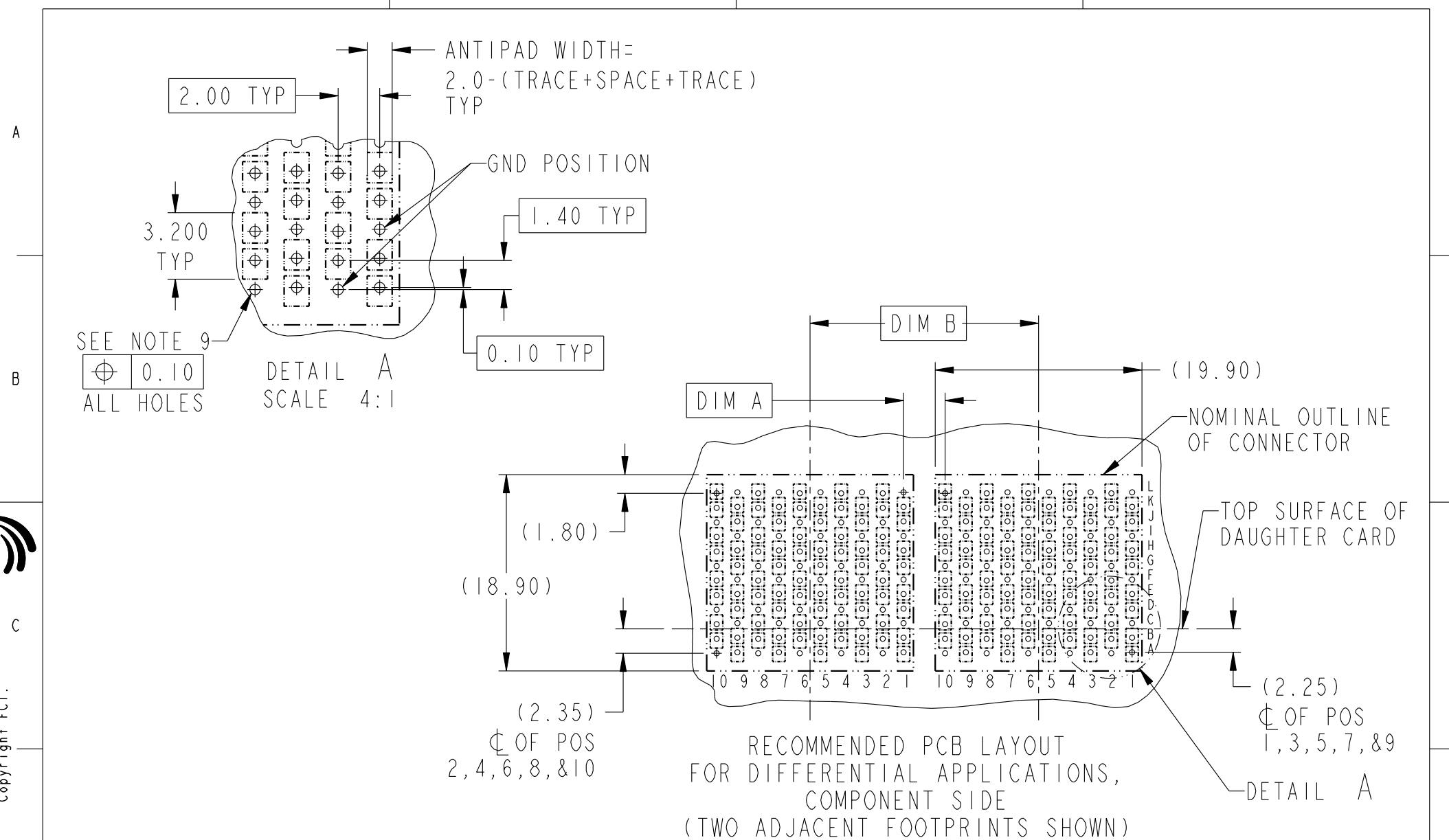
A
B
C
D



Copyright FCI.

rev	ecn no	dr	date
A	S07-0103	LS	2007-04-05
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface - ASME Y14.5	tolerance std ASME Y14.5	projection MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	T. HOUTZ	2005-06-30	ANGULAR	size A4
Eng	C. SHELLY	2005-06-30	LINEAR	Scale 4:1
Chr	C. H TAN	2007-04-05	0° ±°	ECN ***
Appr	JOEY NG	2007-04-05	Product family AirMax VS	Spec ref
FCI		AirMax VS VERT RECPT ASSY		Rev. A
		PRESS-FIT, 120 POSITION, 20mm		10028264
catalog no				CUSTOMER
				sheet 1 of 4



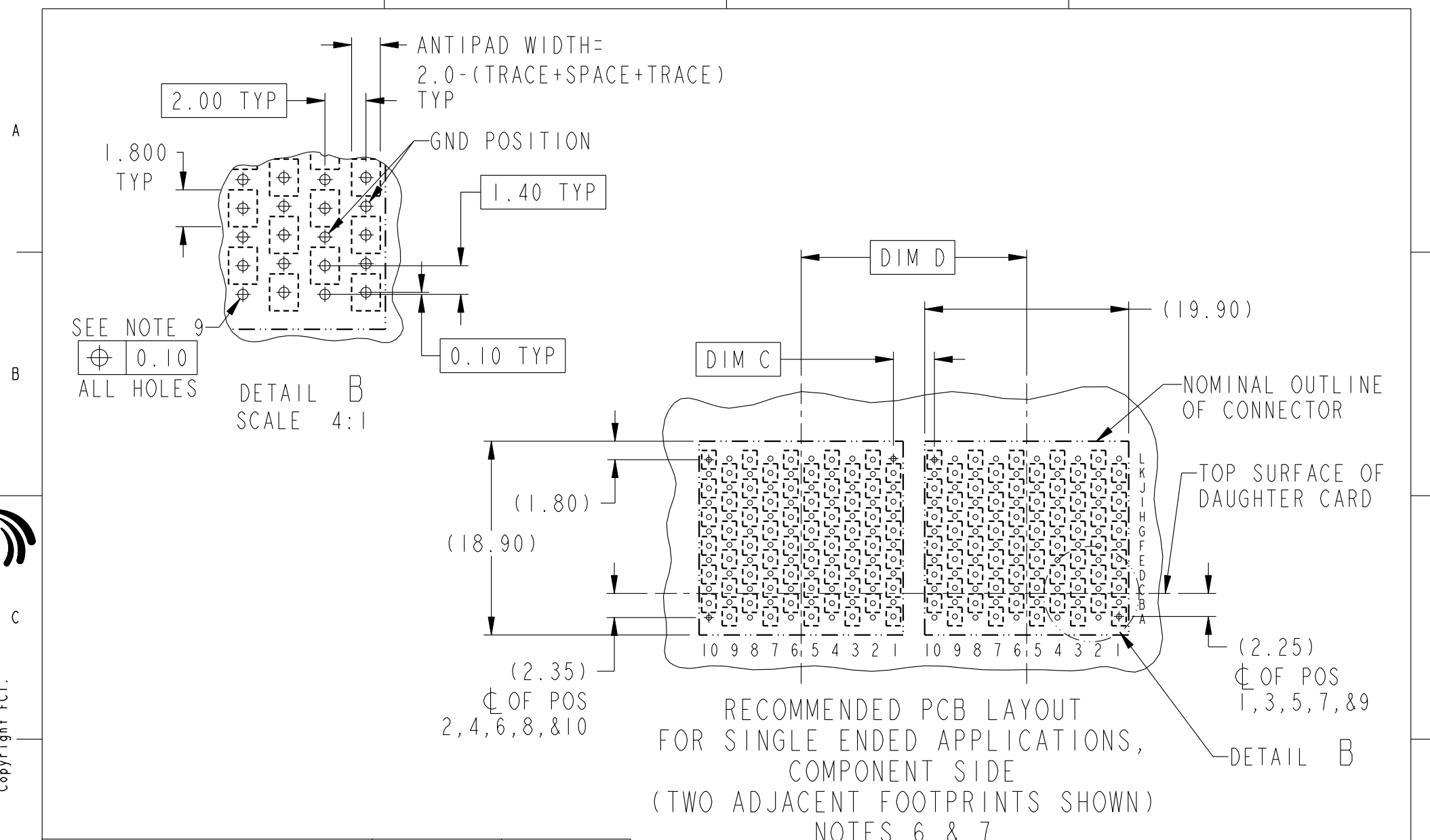
RECOMMENDED PCB LAYOUT FOR DIFFERENTIAL APPLICATIONS, COMPONENT SIDE (TWO ADJACENT FOOTPRINTS SHOWN) NOTES 6 & 7

ADJACENT HEADER WIDTHS	DIM A	DIM B
20MM/20MM	2.00	20.00
20MM/22MM	3.00	21.00
22MM/22MM	4.00	22.00

	title AirMax VS VERT RECPT ASSY PRESS-FIT, 120 POSITION, 20mm	dwg no 10028264	Rev. A
	catalog no -	CUSTOMER	sheet 2 of 4



Copyright FCI.



RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

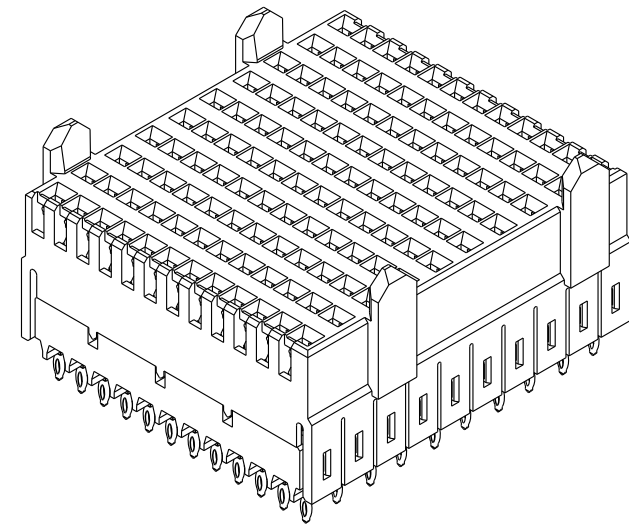
ADJACENT HEADER WIDTHS	DIM C	DIM D
20MM/20MM	2.00	20.00
20MM/22MM	3.00	21.00
22MM/22MM	4.00	22.00

	title AirMax VS VERT RECPT ASSY PRESS-FIT, 120 POSITION, 20mm	dwg no 10028264	Rev. A
	catalog no -	CUSTOMER	sheet 3 of 4



Copyright FCI.

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10028264-101	TIN/LEAD ALLOY OVER NICKEL
10028264-101LF	TIN OVER NICKEL (LEAD FREE)



NOTES:

1. CONNECTOR MATERIALS:
 HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
 IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
 CONTACT: COPPER ALLOY
2. CONTACT PLATING:
 SEPARABLE INTERFACE:
 PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE.
 PRESS-FIT TAILS: SEE TABLE
3. PRODUCT SPECIFICATION: GS-12-239
4. APPLICATION SPECIFICATION: GS-20-035
5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
7. POSITION F OF ODD NUMBERED COLUMNS AND POSITION G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
9. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN
12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION

Copyright FCI.

	TITLE AirMax VS VERT RECPT ASSY PRESS-FIT, 120 POSITION, 20mm	DWG NO 10028264	REV. A
	CATALOG NO -	CUSTOMER	SHEET 4 OF 4

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: Info@DiGi-Electronics.com



Tel: +00 852 30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.