

PRODUCT PARTNUMBER
10150775-XXXXOLF

PARTNO &
DATECODE

#A1

IDENTIFIER

8.80

1.78±0.05

11.65

(14.50)

DIM "A"

1.50

10.00

1.50

☉ OF KEY

DIM "B"

DIM "D"

1.77

0.15

1.50 MAX

(11.0)

(0.35) TYP

1.65

1.35

1.00 TYP BLADE
HOLD-DOWN

12.75±0.15

DIM "C"

2 (16.60)

11.25 MAX

0.10

2.27

2.05

7.4

8.2

HOUSING

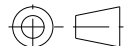
SIDE LATCH

(13.00)

(Ø1.0)

(112.70)

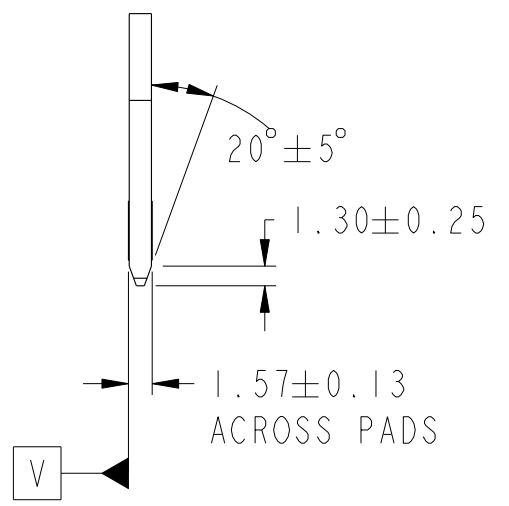
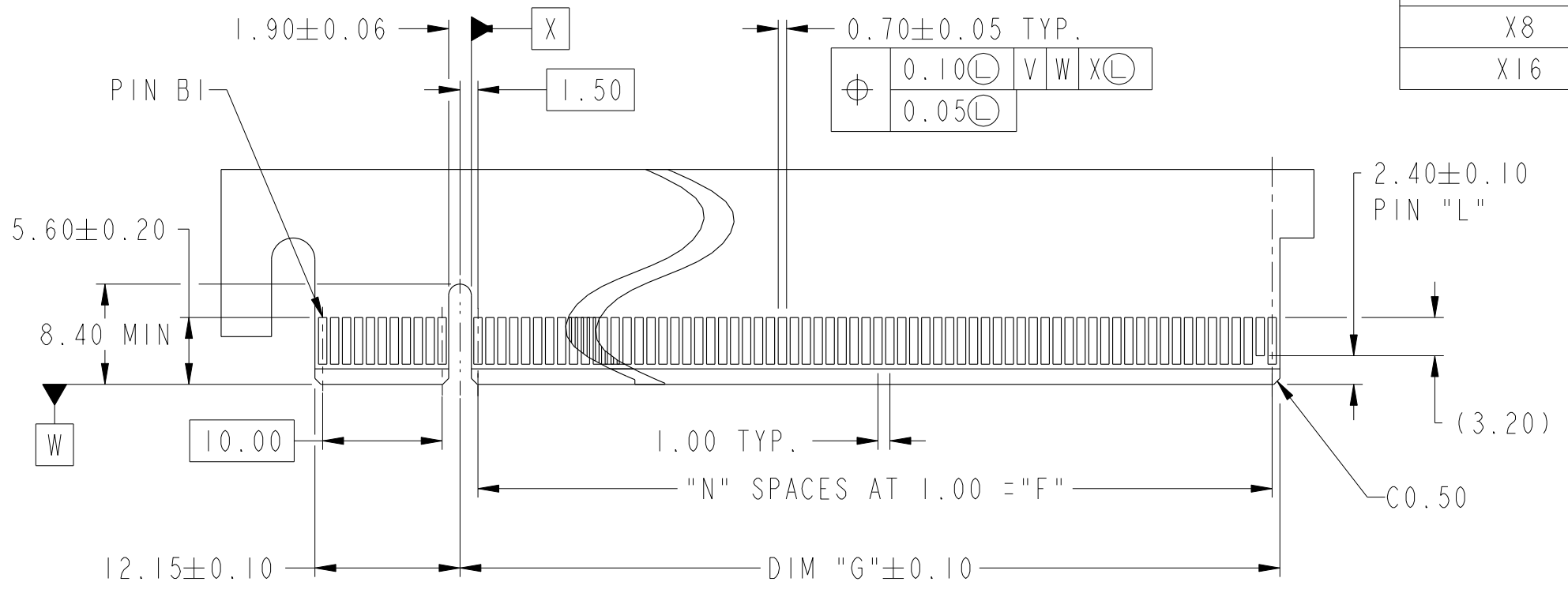
PRELIMINARY

spec ref	-	dr	SANDAR SOE	2018-12-24	projection	MM	size	A3	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	SANDAR SOE	2018-12-24			ecn no	rel level	IN WORK	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr								
surface	linear	0.X	±0.30	Amphenol FCI www.fci.com	PCIE 4.0, CUSTOMIZED LATCH SMT TYPE - BLADE		dwg no 10150775	rev 2	sheet 1 of 4	
		0.XX	±0.20		cat. no.	-				Product - Customer Drw
	angular	0°	±2°							

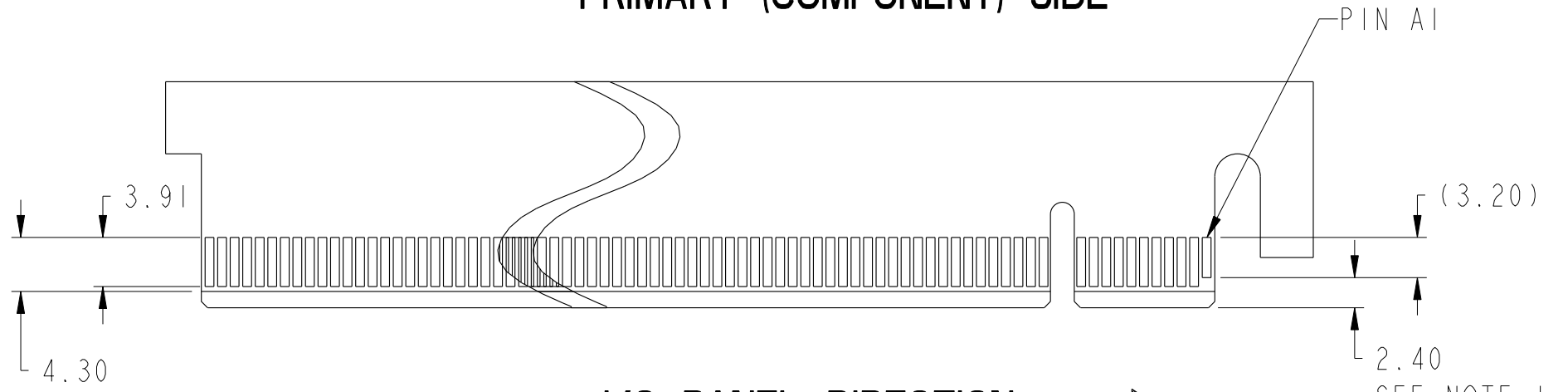
Amphenol
FCi

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CONNECTOR LINK WIDTH	POSITION	N	DIM "G"	DIM "F"	PIN "L"
X1	36	6	8.15	6.00	B17
X4	64	20	22.15	20.00	B31
X8	98	37	39.15	37.00	B48
X16	164	70	72.15	70.00	B81



← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

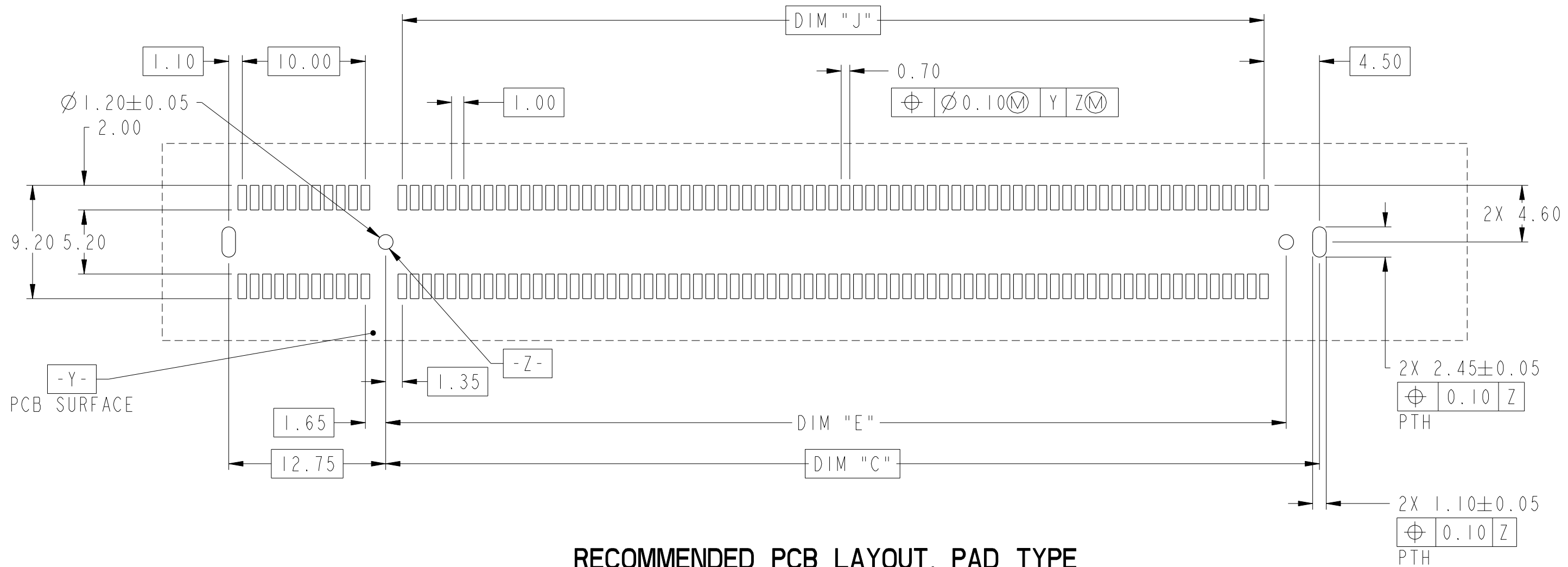
SEE NOTE 1 IN SHEET 2

PRELIMINARY

- NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1 AND PIN "L".
- CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- TOLERANCE : ± 0.13

spec ref	-	dr	SANDAR SOE	2018-12-24	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	SANDAR SOE	2018-12-24			ecn no		rel level	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr					PCI express		IN WORK	
surface	linear	appr			product family	PCI express	rel level		IN WORK	
					Amphenol FCI		PCIE 4.0, CUSTOMIZED LATCH		rev	
					www.fci.com		SMT TYPE - BLADE		2	
					cat. no.		10150775		sheet 2 of 4	
					Product - Customer Drw					

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RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS						
POSITION	A	B ^{+0.15} / _{-0.05}	C ±0.15	D ±0.23	J	E
36	6.00	7.65	11.85	25.00	6.00	9.15
64	20.00	21.65	25.85	39.00	20.00	23.15
98	37.00	38.65	42.85	56.00	37.00	40.15
164	70.00	71.65	75.85	89.00	70.00	73.15

PRELIMINARY

spec ref	-	dr	SANDAR SOE	2018-12-24	projection	MM	size	A3	scale	4:1	
tolerance std	ISO 406 ISO 1101	eng	SANDAR SOE	2018-12-24			ecn no		rel level		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr					IN WORK				
surface	ISO 1302	appr			product family	PCI express	rel level		IN WORK		
	linear	0.X	±0.30	Amphenol FCI www.fci.com	PCIE 4.0, CUSTOMIZED LATCH		dwg no 10150775	rev		2	
		0.XX	±0.20		SMT TYPE - BLADE						
	angular	0°	±2°								
cat. no.			-			Product - Customer Drw			sheet 3 of 4		

PRODUCT NUMBER CODE

10150775-□□□□0LF

HOUSING COLOR

1: BLACK

PACKAGING OPTIONS

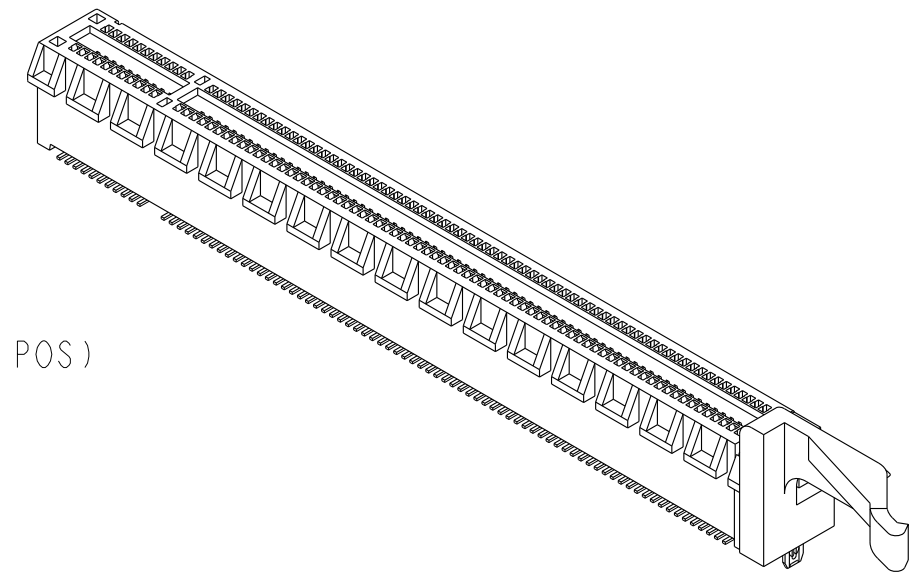
Y: TRAY WITH KAPTON TAPE (98 & 164 POS)

CONTACT AREA PLATING

1: 30u" Au
2: 15u" Au

NO. OF POSITION

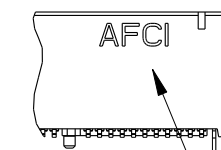
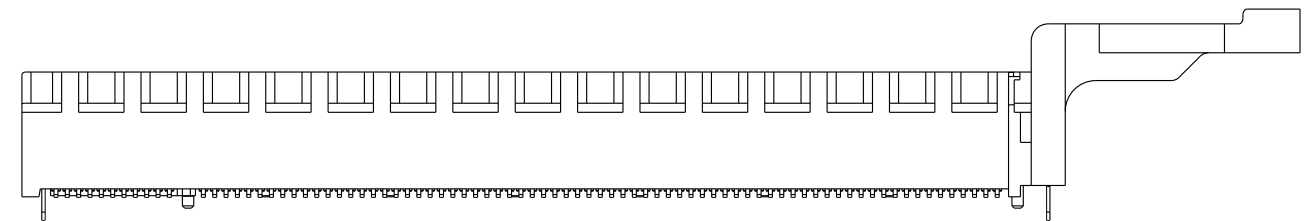
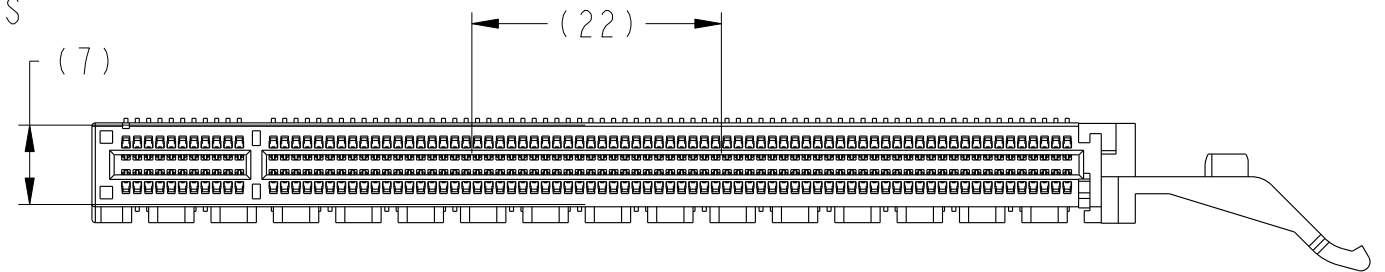
0: 36 POSITIONS
1: 64 POSITIONS
2: 98 POSITIONS
3: 164 POSITIONS



NOTES:

- MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
CONTACT: COPPER ALLOY.
METAL PADS: COPPER ALLOY
- PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.
- PRODUCT SPECIFICATION: GS-12-1406
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

POSITION OF KAPTON TAPE



DATE CODE & PARTNO

PRELIMINARY

spec ref -		dr SANDAR SOE	2018-12-24	projection	MM	size A3	scale 2:1
tolerance std		eng SANDAR SOE	2018-12-24			ecn no	
ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr				rel level IN WORK	
ISO 1101		appr		product family PCI express			
surface		linear	Amphenol FCI		PCI 4.0, CUSTOMIZED LATCH		rev 2
		0.X	±0.30	www.fci.com		cat. no. 10150775	
		0.XX	±0.20	SMT TYPE - BLADE		Product - Customer Drw	
		0.XXX	±0.1	www.fci.com		sheet 4 of 4	
	angular	0°	±2°	Product - Customer Drw		sheet 4 of 4	

Amphenol FCI

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