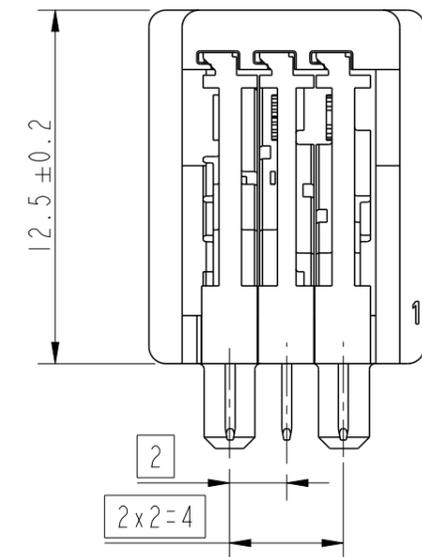
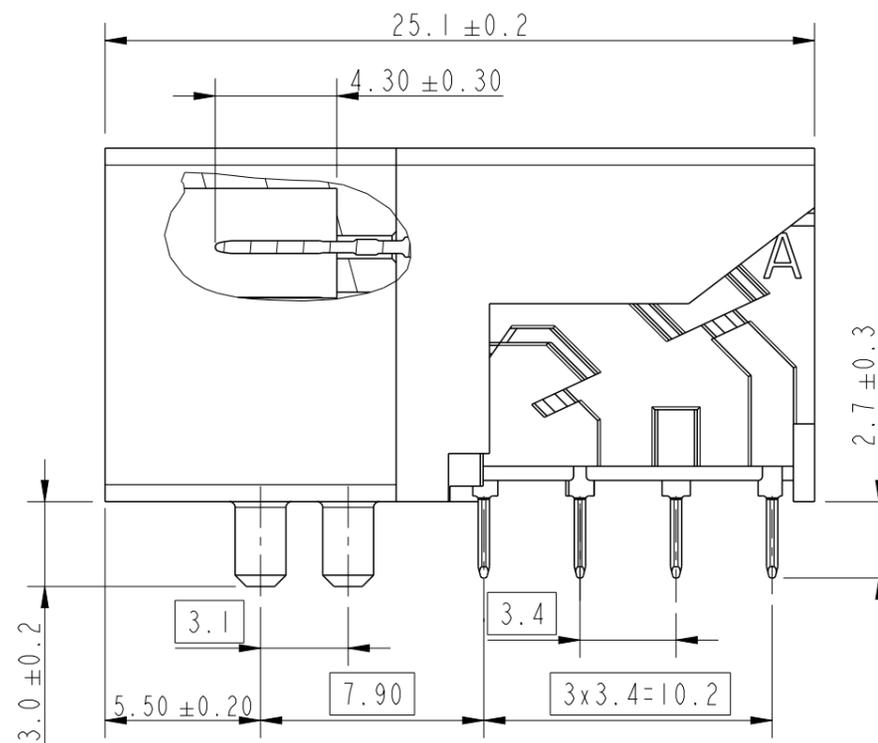
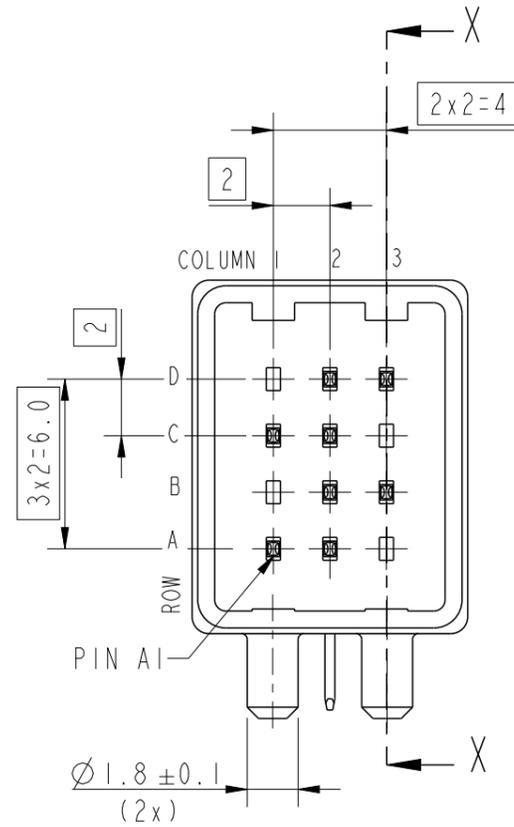
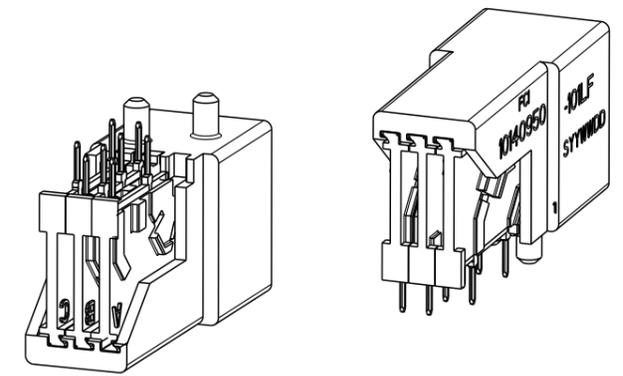
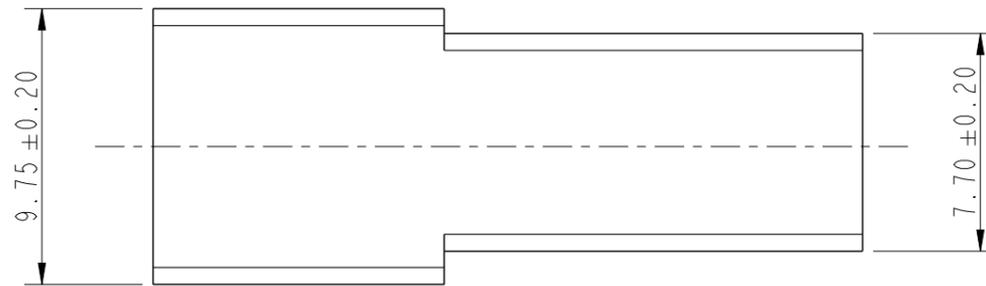


PRODUCT NUMBER

SEE TABLE

(SEE NOTE 8, SHEET 6)

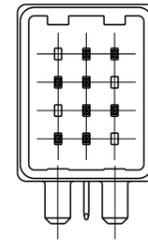
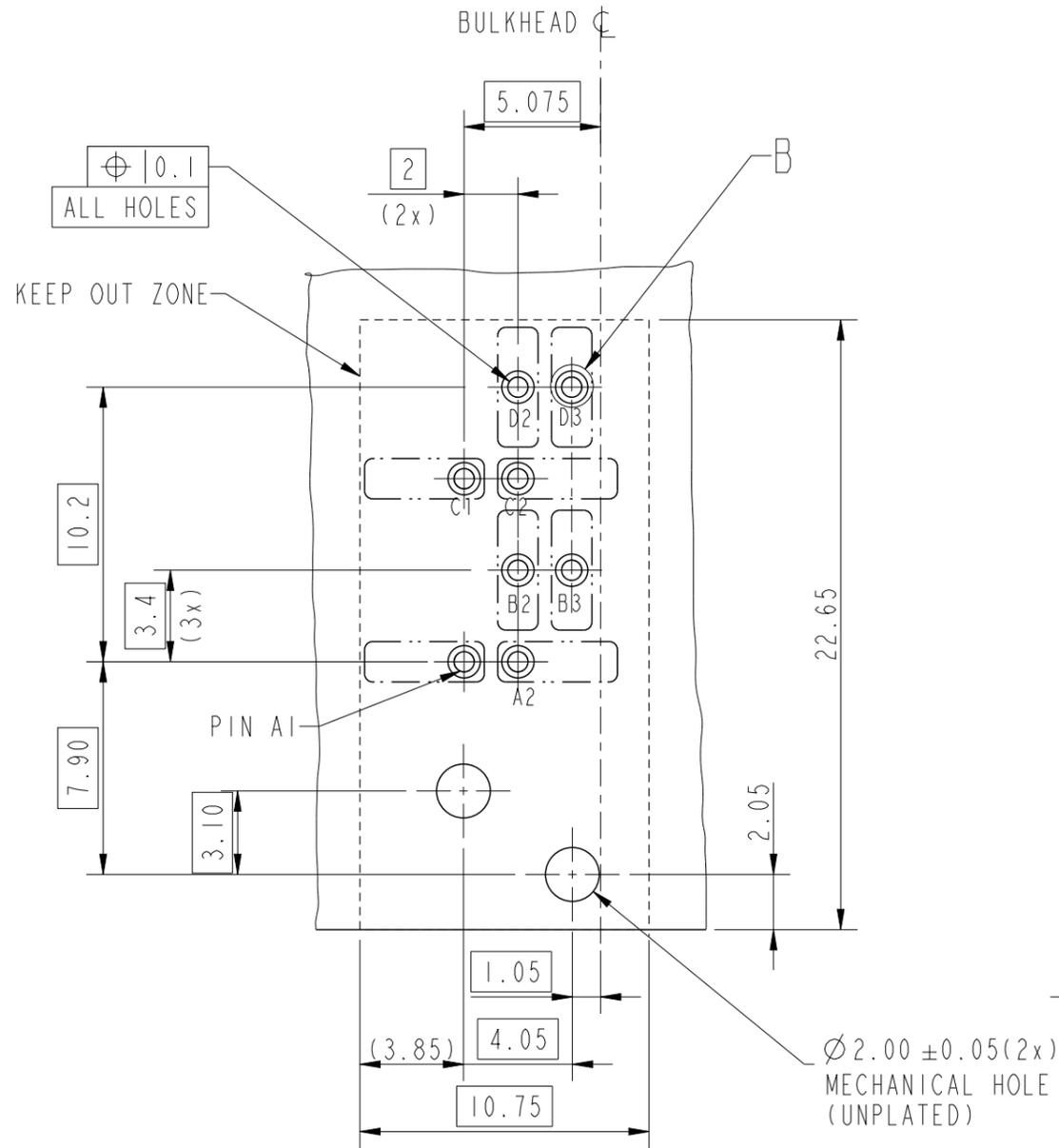


SECTION X-X

AFCI PART NO	ROW	COLUMN 1	COLUMN 2	COLUMN 3
10140950-101LF	D	-	x	x
	C	x	x	-
	B	-	x	x
	A	x	x	-
10140950-102LF	D	x	x	x
	C	x	x	-
	B	x	x	x
10140950-103LF	D	x	x	x
	C	x	x	x
	A	x	x	x

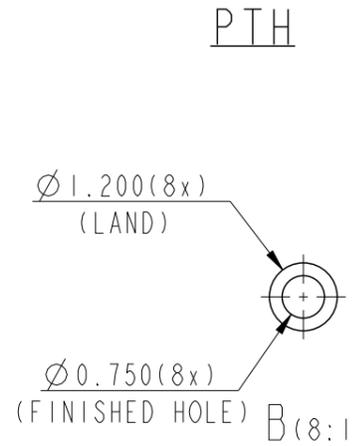
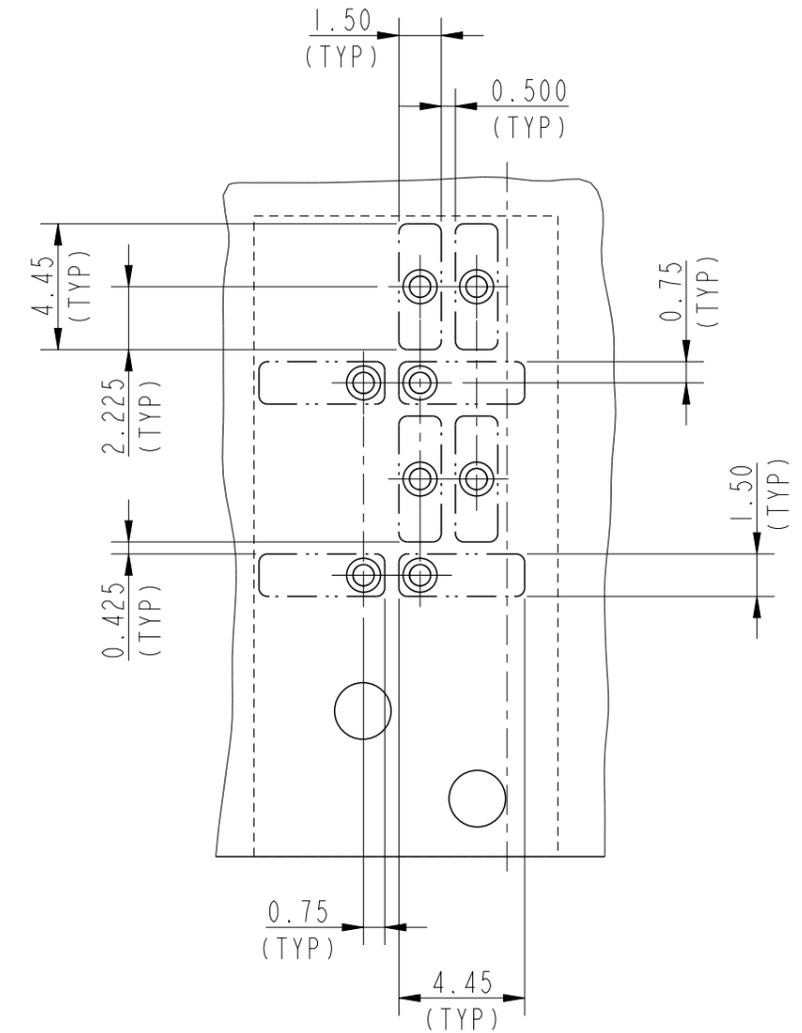
spec ref	-	dr	Jibin John	2017/09/26	projection	mm	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16			ecn no	-	rel level	Released
surface	linear	chr	-	apppr						
	angular	0°	±2°	<b>Amphenol FCI</b>		VERIO SIGNAL RA BOARD CONNECTOR WITH PIP TERMINATION		rel level	10140950	rev <b>A</b>
ISO 1302		cat. no.		-		Product - Customer Drw		sheet 1 of 6		

VIEW FROM COMPONENT SIDE P/N 10140950-101LF



P/N 10140950-101LF  
(8 POS. SIGNAL)

SOLDER PAD DIMENSIONS



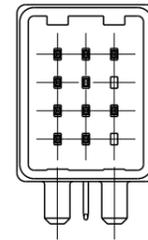
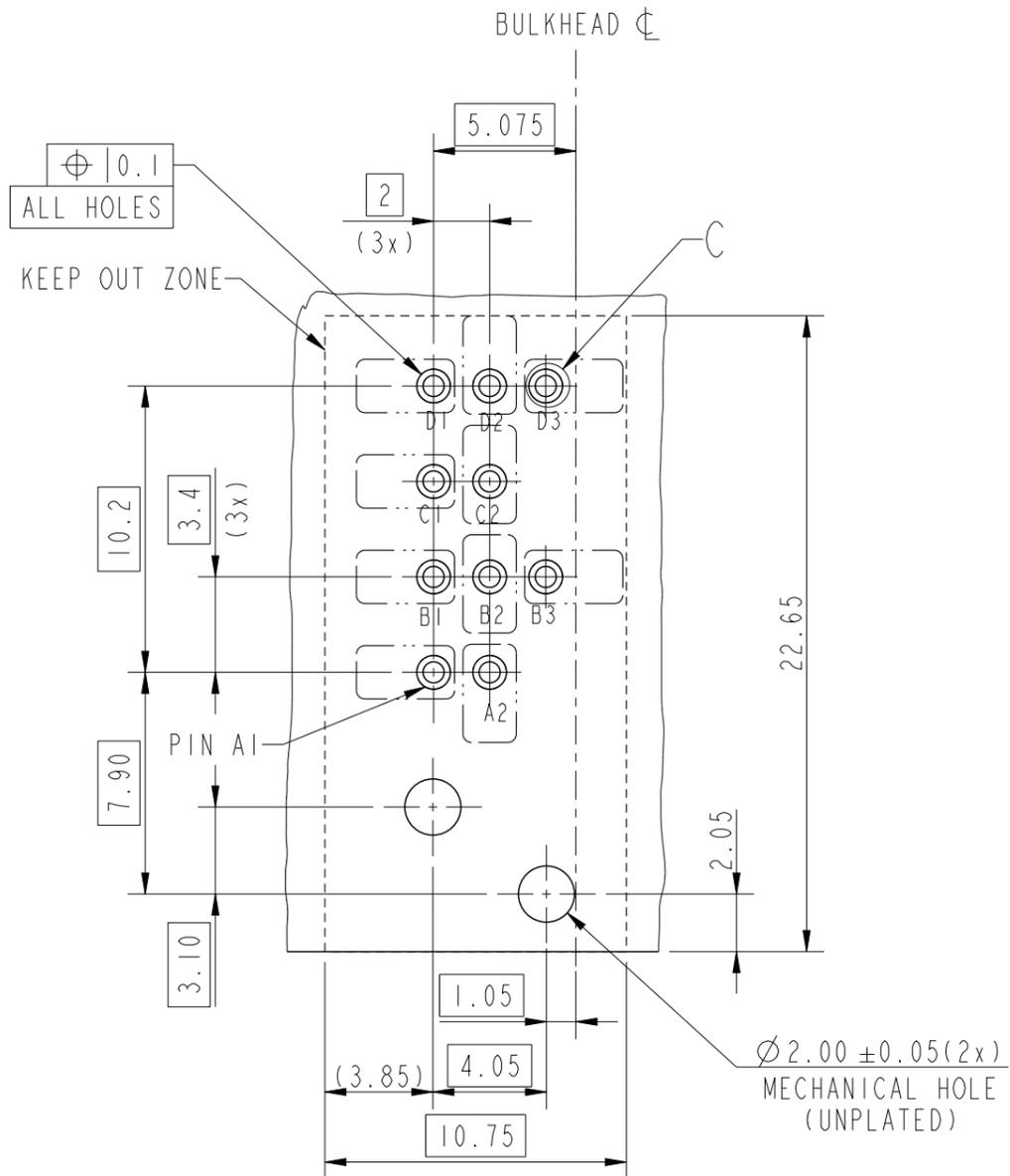
1.6~2.4 (±10%)  
(PCB THICKNESS)

SIGNAL PTH DETAILS	
DRILLED HOLE	0.82-0.87mm
COPPER PLATING	25-50µm
TIN PLATING	0.8-1.2µm
FINISHED HOLE DIA	0.70-0.80mm

spec ref	-	dr	Jibin John	2017/09/26
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-
surface		ISO 1302	appr	K-Paul Bijju
	linear	0.X	±0.3	<b>Amphenol FCi</b>
		0.XX	±0.10	
		0.XXX	±0.050	
	angular	0°	±2°	

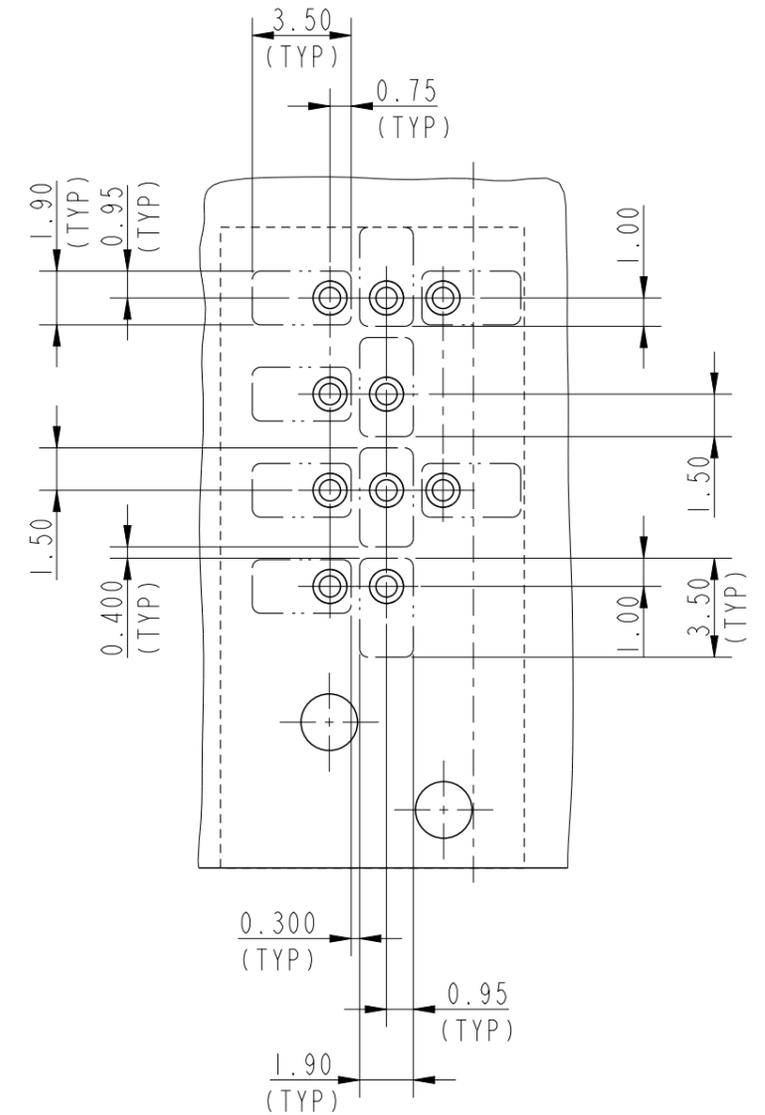
projection	mm	size	A3	scale	1:1
product family		ecn no	-	rel level	Released
VERIO SIGNAL RA BOARD CONNECTOR WITH PIP TERMINATION	dwg no	10140950	rev	A	
cat. no.	-	Product - Customer Drw	sheet 2 of 6		

VIEW FROM COMPONENT SIDE P/N 10140950-102LF



P/N 10140950-102LF  
(10 POS. SIGNAL)

SOLDER PAD DIMENSIONS



PTH

$\phi 1.200(10x)$   
(LAND)

$\phi 0.750(10x)$   
(FINISHED HOLE)  
C(8:1)

1.6~2.4( $\pm 10\%$ )  
(PCB THICKNESS)

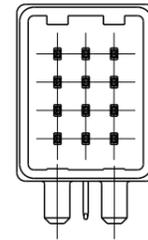
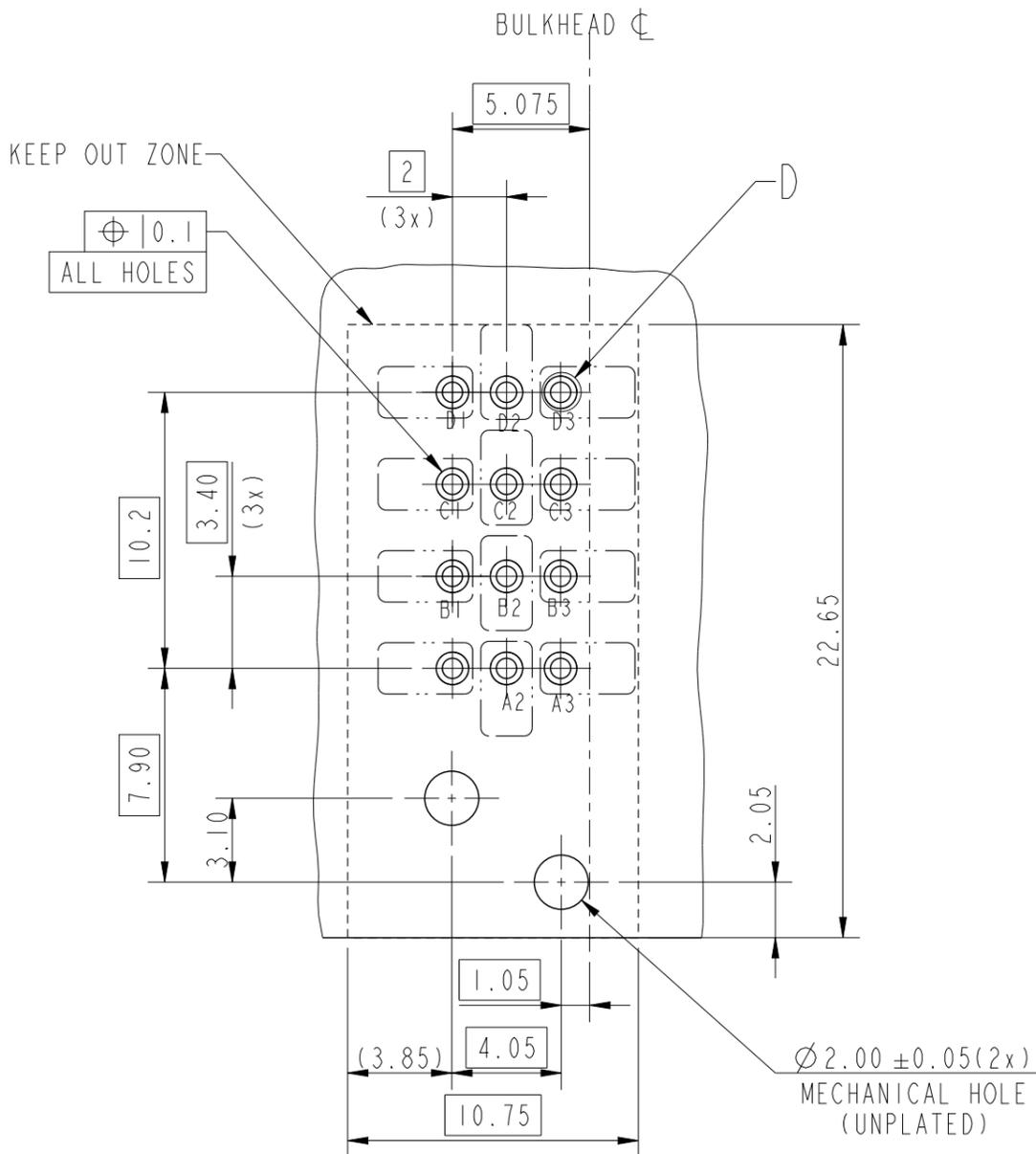
Amphenol  
FCi

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SIGNAL PTH DETAILS	
DRILLED HOLE	0.82-0.87mm
COPPER PLATING	25-50 $\mu$ m
TIN PLATING	0.8-1.2 $\mu$ m
FINISHED HOLE DIA	0.70-0.80mm

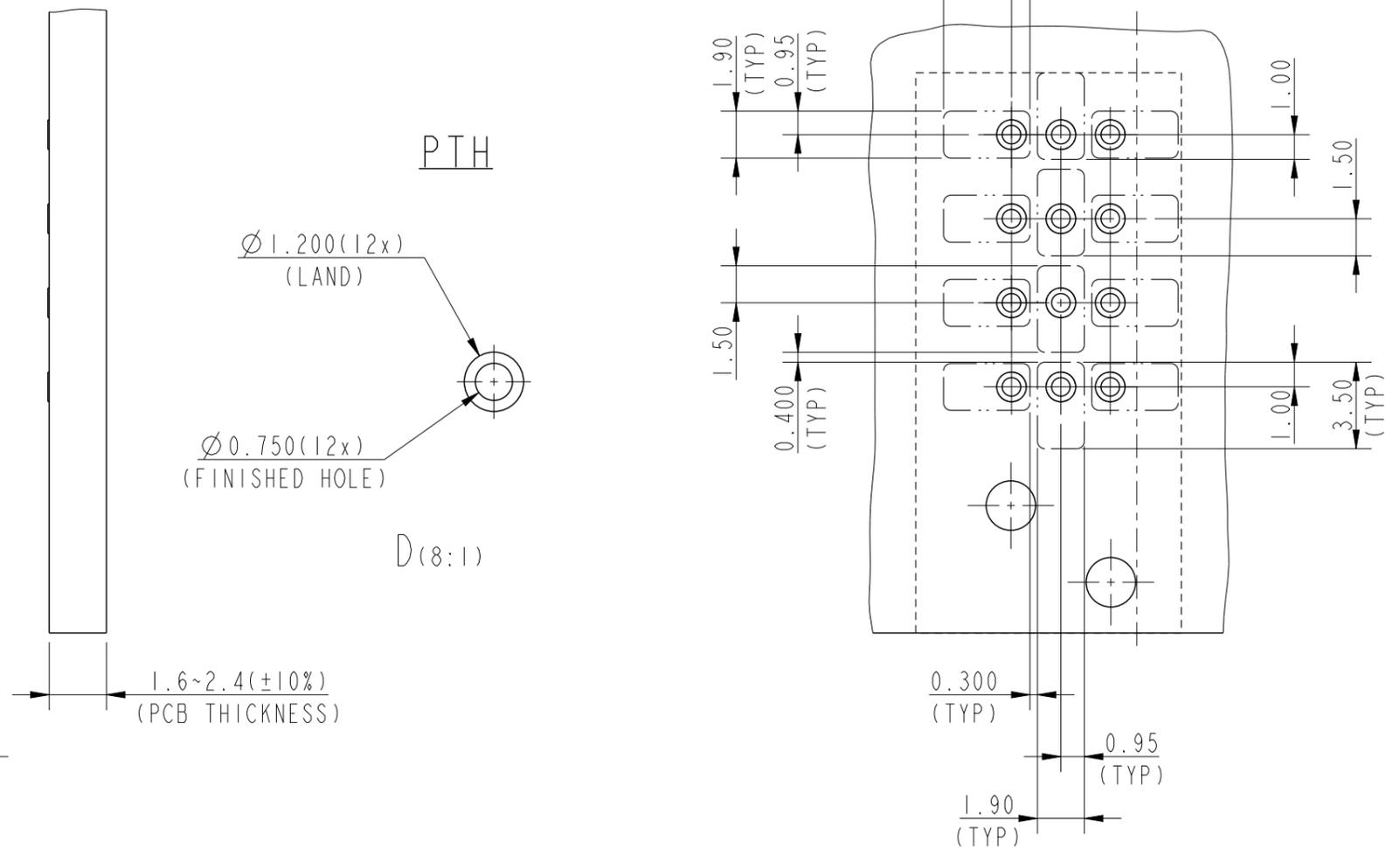
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tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16	$\perp$	mm	ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-						
surface	linear	appr	K-Paul Biju	2017/10/16	product family		dwg no	10140950	rev	A
ISO 1302	angular			VERIO SIGNAL RA BOARD CONNECTOR WITH PIP TERMINATION	Product - Customer Drw					
	0.X	$\pm 0.3$								
	0.XX	$\pm 0.10$								
	0.XXX	$\pm 0.050$								
	0°	$\pm 2^\circ$								

VIEW FROM COMPONENT SIDE P/N 10140950-103LF



P/N 10140950-103LF  
(12 POS. SIGNAL)

SOLDER PAD DIMENSIONS



Amphenol  
FCi

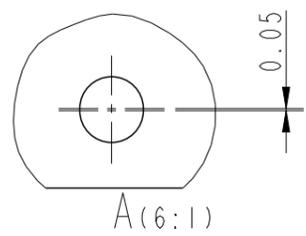
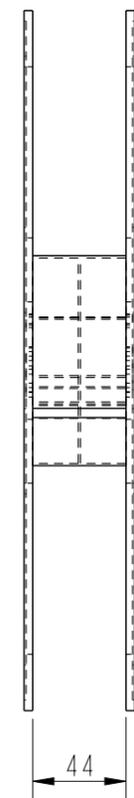
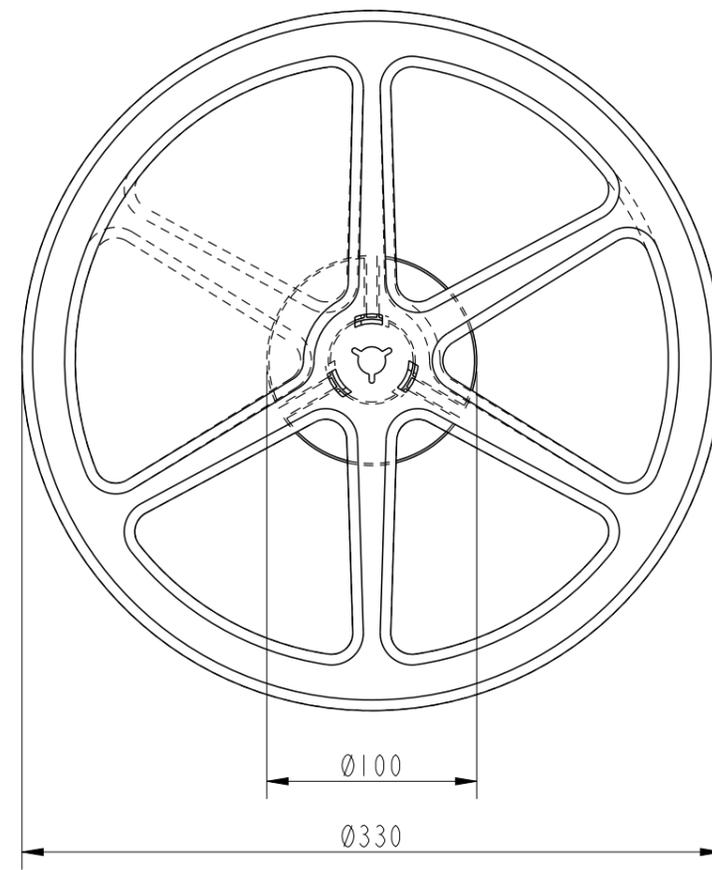
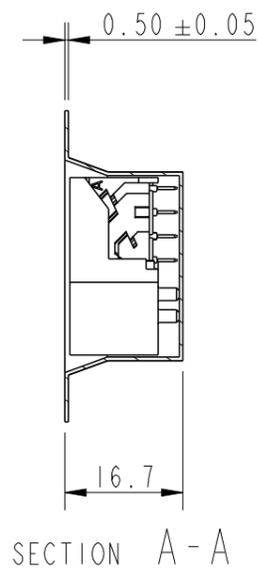
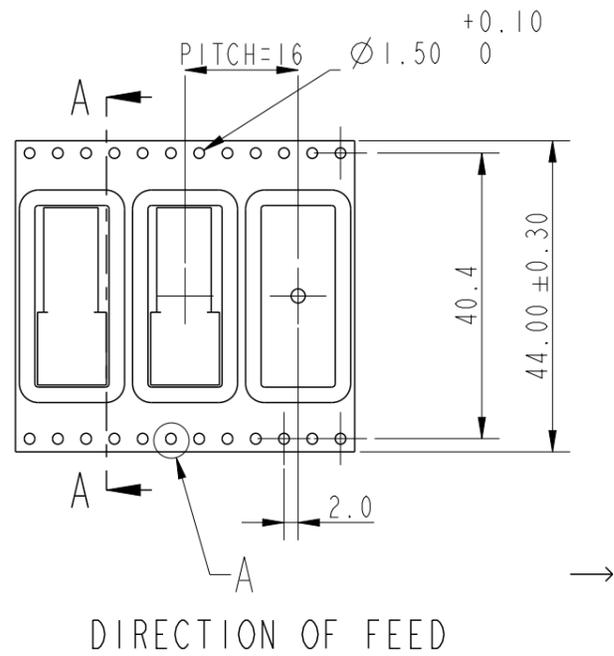
© 2016 AFCI

SIGNAL PTH DETAILS	
DRILLED HOLE	0.82-0.87mm
COPPER PLATING	25-50 $\mu$ m
TIN PLATING	0.8-1.2 $\mu$ m
FINISHED HOLE DIA	0.70-0.80mm

spec ref	-	dr	Jibin John	2017/09/26
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-
surface		ISO 1302	appr	K-Paul Biju
	linear	0.X	$\pm 0.3$	Amphenol FCi
		0.XX	$\pm 0.10$	
		0.XXX	$\pm 0.050$	
	angular	0°	$\pm 2^\circ$	

projection		size	A3	scale	1:1
		ecn no	-		
product family	VERIO SIGNAL RA BOARD CONNECTOR	rel level	Released		
	WITH PIP TERMINATION	dwg no	10140950	rev	A
cat. no.	Product - Customer Drw		sheet 4 of 6		

PACKAGING SPECIFICATION



TAPE & REEL PACKING DETAILS

NOTES:

1. PACKAGING DETAILS AS PER EIA-481 STD.
2. MATERIAL : (ANTISTATIC)  
 CARRIER TAPE : POLYSTYRENE  
 COVER TAPE : POLYSTYRENE

spec ref	-	dr	Jibin John	2017/09/26	projection	mm	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family			
surface	linear	0.X	±0.3	<b>Amphenol FCI</b>	VERIO SIGNAL RA BOARD CONNECTOR		dwg no	10140950	rev	A
		0.XX	±0.10		WITH PIP TERMINATION					
	angular	0°	±2°		cat. no.	Product - Customer Drw	sheet 5 of 6			

1

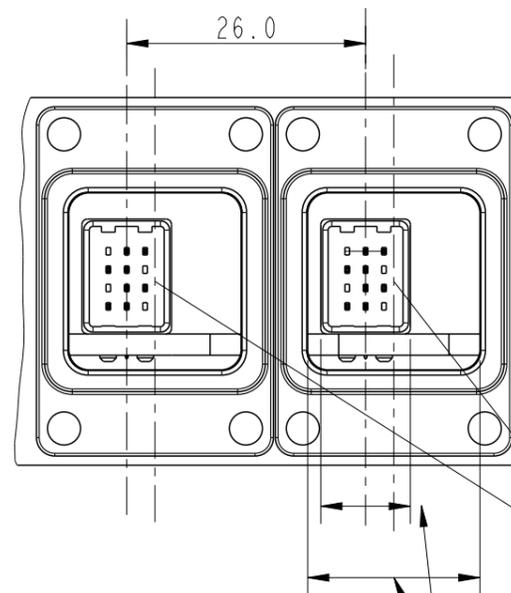
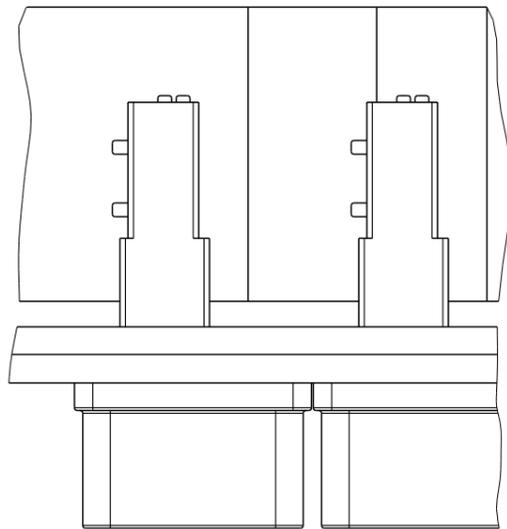
2

3

4

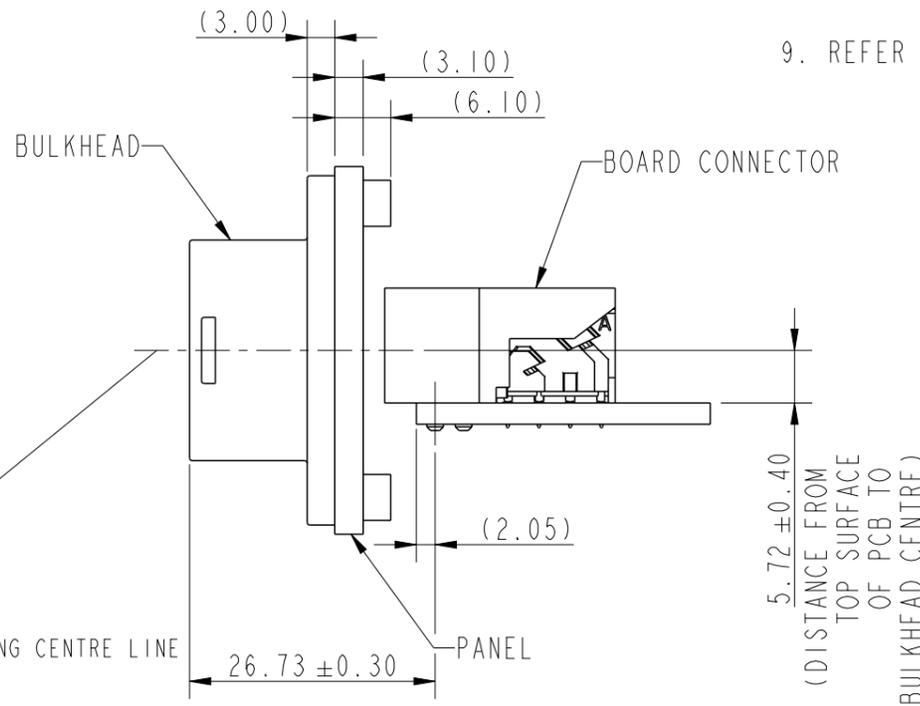
NOTES:

- 1: MATERIAL :
  - RESIN - LCP, GLASS FILLED, FLAME RETARDANT ACC
  - FLAMMABILITY CLASSIFICATION - UL94-V0
  - SIGNAL CONTACTS - COPPER ALLOY
- 2. PLATING :
  - GOLD OVER PALLADIUM NICKEL ON CONTACT AREA OF SIGNALS
  - PURE TIN AT TERMINAL AREA OF SIGNALS
- 3. PRODUCT SPECIFICATION: GS-12-1429
- 4. PACKAGING - TAPE & REEL
- 5. UNDER PLATING FOR CONTACTS IS 1.27µm NICKEL.
- 6. PRODUCT WILL WITHSTAND EXPOSURE TO 260° FOR 60 SECONDS IN A CONVECTION, INFRA RED OR VAPOUR PHASE REFLOW OVEN
- 7. PRODUCT WHERE THE PARTNUMBER ENDS IN LF MEETS EUROPEAN DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- 8. VIEWS SHOWN ON PAGE 1 & 6 ARE OF P/N 10140950-101LF
- 9. REFER DRAWING 10140956 FOR BULKHEAD DETAILS



±0.60  
CENTERING OF THE BOARD CONNECTOR WITH BULKHEAD CAVITY

BOARD CONNECTOR WITH BULKHEAD



spec ref	-	dr	Jibin John	2017/09/26	projection	mm	size	A3	scale	2:1	
tolerance std	ISO 406 ISO 1101	eng	Stalin Alosius	2017/10/16			ecn no	-	rel level		Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	2017/10/16			product family	VERIO	rel level		Released
surface	linear	0.X	±0.3	<b>Amphenol FCI</b>	VERIO SIGNAL RA BOARD CONNECTOR WITH PIP TERMINATION		dwg no 10140950	rev A			
		0.XX	±0.10								
		0.XXX	±0.050								
ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw			sheet 6 of 6			

1

2

3

4

Amphenol FCI

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A

B

C

D

A

B

C

D