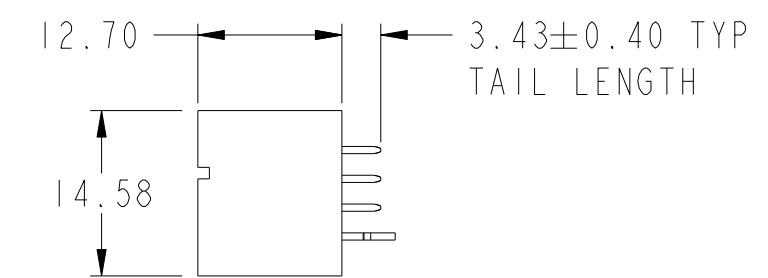
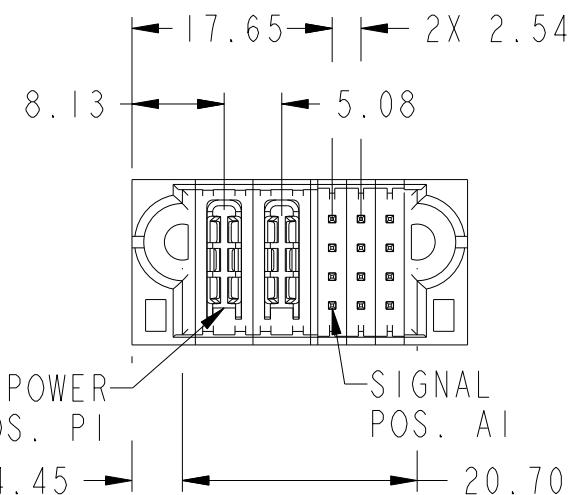
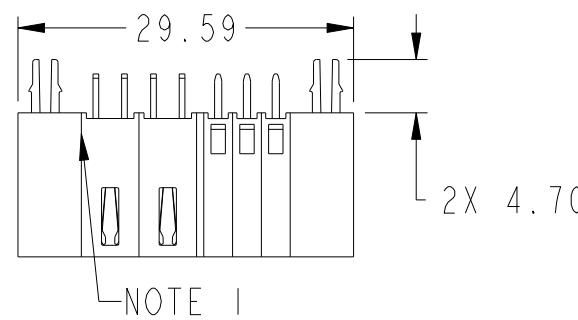
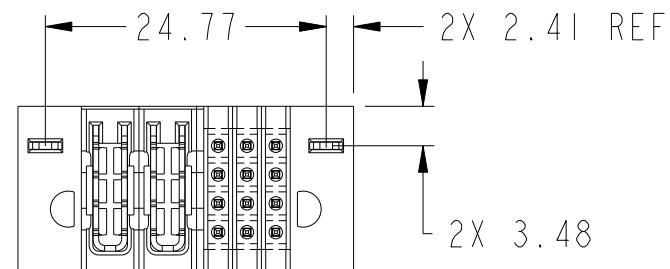


PART NUMBER	SEE SHEET 2
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Amphenol

FCi

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spec ref				dr	Sunny2 Liu	2017/09/26	projection	MM	size	A3	scale
tolerance std				eng	Sunny2 Liu	2017/10/17					
ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	Kaka Zhang	2017/10/16					
ISO 1101				appr	Pei-Ming Zheng	2017/10/17	product family	PwrBlade+	rel level	Released	
surface	linear	0.X	±0.5	Amphenol			2HDP + 12S		dwg no	10106136-2003001	
	0.XX	±0.25		FCi			VT STB PLUG		rev	A	
	0.XXX	±0.10									
ISO 1302	angular	0°	±2°				cat. no.	Product - Customer Drw			sheet 1 of 3

PRODUCT NO.	ROWS		HP	S			
		E1	P1	P2	1	2	3
10106136-2003001LF	D C B A						

CODE	DESCRIPTION
E	STD SIGNAL CONTACT
HI	STD HIGH POWER CONTACT
HA	METAL HOLD DOWN

# Amphenol FCI

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Technical drawing showing a cross-sectional view of a mechanical assembly. The assembly consists of a central vertical column with various components and dimensions:

- Top:** A box labeled **BSC** with **NOTE 5** is connected to a horizontal line. This line branches to a box **U** and a box **15.24**.
- Middle:** A vertical line connects **15.24** to a box **5.08**. From **5.08**, a line goes to a box **4.45**. From **4.45**, a line goes to a box **2X 2.54**. A bracket labeled **NOTE 4** covers the vertical distance between **5.08** and **2X 2.54**.
- Left Side:** A box **2.54 TYP** is connected to a box **3.81**. A line from **3.81** goes to a box **BSC** with **NOTE 5**. Below this, a box **V** is connected to a circle  $\odot$ .
- Bottom Left:** A dimension  $\odot 1.02 \pm 0.07$  TYP is shown with a note **NOTE 6, 7** below it. A line from this note connects to a circle  $\odot$  and a box **0.10(M)VU**.
- Bottom Right:** A dimension **30.35 MIN.** is shown with a line connecting to a circle  $\odot$  and a box **2X  $\odot 2.49 \pm 0.05$** . Below this, a box **24.77** is shown with a line connecting to a circle  $\odot$  and a box **0.10(M)VU**.
- Vertical Dimensions:** A bracket on the right side indicates a total height of **15.24 MIN.** from the bottom of the assembly to the top of the **15.24** box.

spec ref		dr	Sunny2 Liu	2017/09/26			size	A3	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ISO 406 ISO 1101	eng	Sunny2 Liu	2017/10/17			A3	3:2		
		chr	Kaka Zhang	2017/10/16			ecn no	-		
		appr	Pei-Ming Zheng	2017/10/17			rel level	Released		
surface	linear		0.X	±0.5	<b>Amphenol</b> <b>FCi</b> title 2HDP + 12S + VT STB PLUG		dwg no	10106136-2003001	rev A	
ISO 1302			0.XX	±0.25						
			0.XXX	±0.10						
			angular	0°						
					cat. no.	Product - Customer Drw		sheet 2 of 3		

A

## NOTES:

## 1) PRODUCT MARK:

PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE .  
 THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

## 2) MATERIALS:

- HOUSING : HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
- POWER CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.
- SIGNAL CONTACT : COPPER ALLOY.

## 3) PLATING SPECIFICATION : 10116351

## 4) DENOTES CONNECTOR KEEP OUT ZONE.

## 5) DATUM AND BASIC DIMENIIONS ARE ESTABLISHED BY CUSTOMER.

## 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

7) 1.15+/-0.025MM DRILLED HOLE PLATED WITH 0.00762MM MIN SN  
 OVER 0.0254-0.0762MM CU PLATING TO ACHIEVE A 1.02+/-0.07MM HOLE.8) THE HOUSING WILL WITHSTAND EXPOSURE TO 265 °C PEAK TEMPERATURE  
 FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.9) THIS PRODUCT MEETS EUROPEN UNION DIRECTIVES AND OTHER COUNTRY  
 REGULATIONS AS DESCRIBED IN GS-47-0004.

## 10) PRODUCT SPECIFICATION : GS-12-658.

APPLICATION SPECIFICATION : GS-20-141.

PRODUCT PACKAGE SPECIFICATION: GS-14-1502.

A

B

B

C

C

C

C

D

D

Amphenol  
FCi

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spec ref	dr	Sunny2 Liu	2017/09/26	projection	size	scale
tolerance std	eng	Sunny2 Liu	2017/10/17	MM	A3	3:2
ISO 406 ISO 1101	chr	Kaka Zhang	2017/10/16	ecn no	-	
	appr	Pei-Ming Zheng	2017/10/17	product family	PwrBlade+	rel level
				Amphenol FCi	Released	
				2HDP + 12S		
				VT STB PLUG		
surface	linear	0.X	±0.5		dwg no	
		0.XX	±0.25			
		0.XXX	±0.10			
ISO 1302	angular	0°	±2°	cat. no.	10106136-2003001	rev
				Product - Customer Drw		A