



MATERIAL:-NYLON,UL94V0,HALOGEN FREE.
COLOUR:-SEE PART NO. SCHEME.

2.CONTACT:

MATERIAL: COPPER ALLOY.
PLATING: 50u" SEMI BRIGHT Ni OVERALL UNDER PLATED.
OPTIONAL PLATING ON CONTACT AREA.TIN OR GOLD PLATING.

3.REFER GS-20-0401 APPLICATION SPEC FOR MATING CONNECTOR.

4.PRODUCT SPECIFICATION: GS-12-1181.

5. PACKAGE SPECIFICATION: GS-14-2362.

6. APPLICATION SPECIFICATION: GS-20-0401

7.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE
SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK
CIRCUIT BOARD. (FOR NYLON)

8.THIS LF PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

9. PART NUMBER SCHEME:

10138978- XX X X X LF

NO OF POS.

02: 02 POS.

24: 24 POS.

LEAD FREE

— GLOW WIRE COMPATIBLE

1. COMPATIBLE

2. NON COMPATIBLE

— HSG COLOR

1. NATURAL

2. BLACK

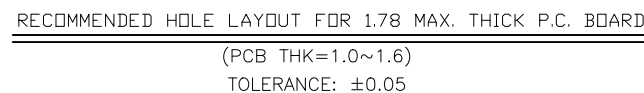
PLATING

1. 100u" BRIGHT TIN OVERALL

2. GOLD FLASH OVERALL

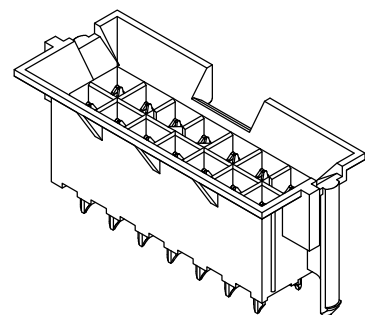
3. 15u" Au, ON CONTACT AREA AND 100u" MIN BRIGHT TIN ON TAILS

3. 30u" Au,ON CONTACT AREA AND 100u" MIN BRIGHT TIN ON TAILS

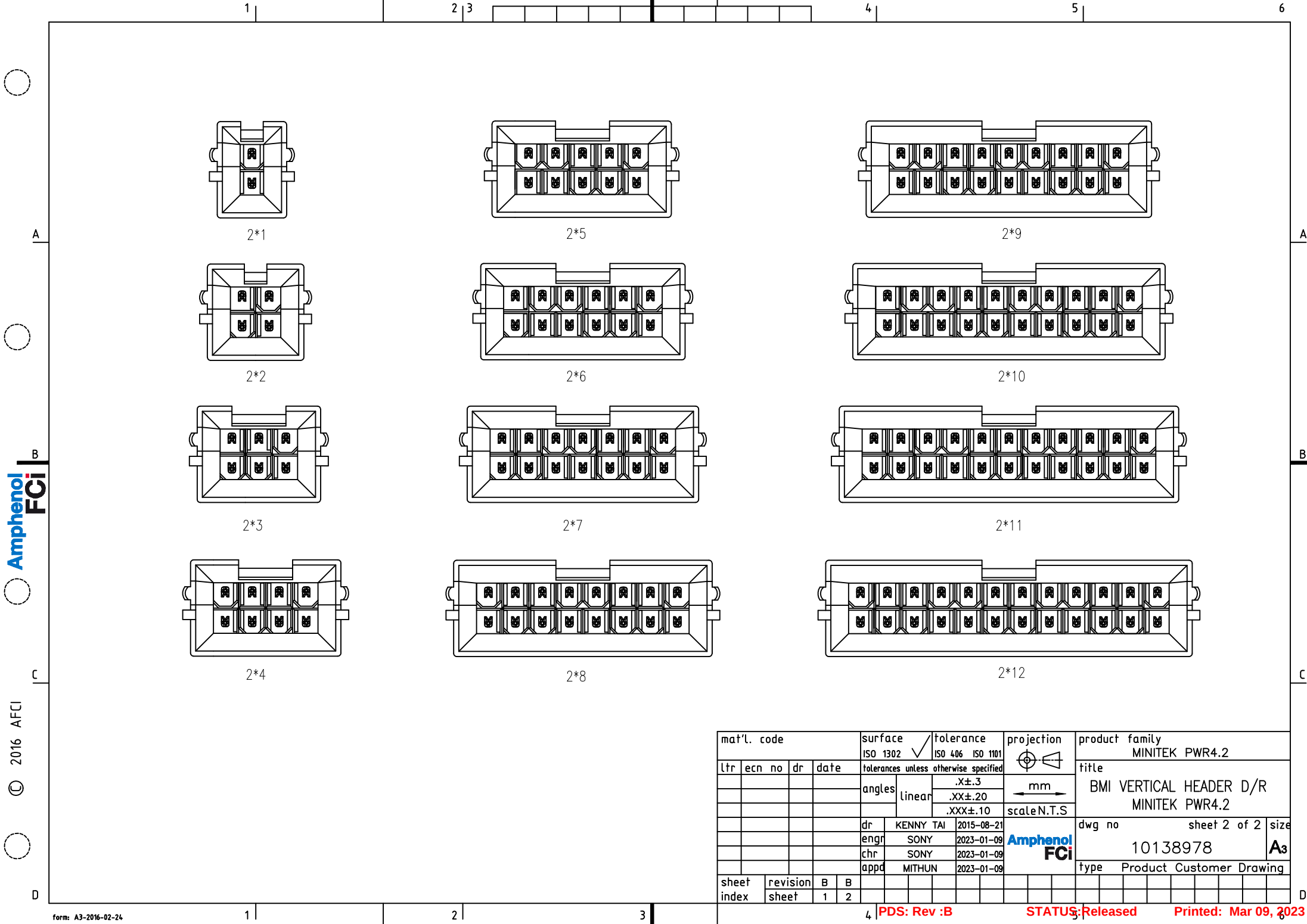


DIMENSION TABLE :

PART NUMBER	POS	A	B	C	D	E
10138978-02XXXLF	02	10.8	--	13.2	5.4	9.4
10138978-04XXXLF	04	15.0	4.2	17.4	9.6	13.6
10138978-06XXXLF	06	19.2	8.4	21.6	13.8	17.8
10138978-08XXXLF	08	23.4	12.6	25.8	18.0	22.0
10138978-10XXXLF	10	27.6	16.8	30.0	22.2	26.2
10138978-12XXXLF	12	31.8	21.0	34.2	26.4	30.4
10138978-14XXXLF	14	36.0	25.2	38.4	30.6	34.6
10138978-16XXXLF	16	40.2	29.4	42.6	34.8	38.8
10138978-18XXXLF	18	44.4	33.6	46.8	39.0	43.0
10138978-20XXXLF	20	48.6	37.8	51.0	43.2	47.2
10138978-22XXXLF	22	52.8	42.0	55.2	47.4	51.4
10138978-24XXXLF	24	57.0	46.2	59.4	51.6	55.6



mat'l. code				surface ISO 1302 ✓ ISO 406 ISO 1101		tolerance		projection		product family MINITEK PWR4.2			
lfr	ecn no	dr	date	tolerances unless otherwise specified						title			
A		TAI	2016-04-06	angles	linear	.X±.3				BMI VERTICAL HEADER D/R			
B	ELX-I-43510	SONY	2023-01-09			.XX±.20		mm		MINITEK PWR4.2			
				0±3'		.XXX±.10		scale N.T.S.					
				dr	KENNY TAI	2015-08-21				dwg no		sheet 1 of 2	size
				engr	SONY	2023-01-09				10138978		A3	
				chr	SONY	2023-01-09							
				appd	MITHUN	2023-01-09							
sheet index	revision sheet	B	B							type	Product	Customer	Drawing
		1	2										



Amphenol
FCI

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mat'l. code				surface		tolerance		projection		product family			
				ISO 1302		ISO 406 ISO 1101				MINITEK PWR4.2			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
				angles		linear		mm		BMI VERTICAL HEADER D/R			
										MINITEK PWR4.2			
								scale N.T.S					
				dr	KENNY TAI	2015-08-21				dwg no		sheet 2 of 2	size
				enrg	SONY	2023-01-09				10138978			A3
				chr	SONY	2023-01-09							
				appd	MITHUN	2023-01-09				type Product Customer Drawing			
sheet index	revision sheet	B 1	B 2										