

1

2

3

4

5

6

7

8

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

FOR REFERENCE ONLY

Amphenol Taiwan

HF

100% Halogen Free

2011/65/EU & 2015/863/EU + IEC 61249-2-21

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-18067	RELEASE REVISION	05/09/2018	Roger Tsai
B	NE-19178	ADDED CAP DIM. OPTION	10/23/2019	Roger Tsai
CX1	PCN_1136	ADDED PKG	05/23/2021	Roger Tsai

A±0.40

2.50

B±0.20

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

2.54

5.00

0.64SQ.

2.54

2.80

6.00±0.25

6.90

2.00

B±0.05

2.54±0.05

ø1.02

<

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

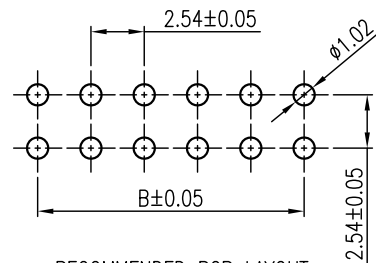
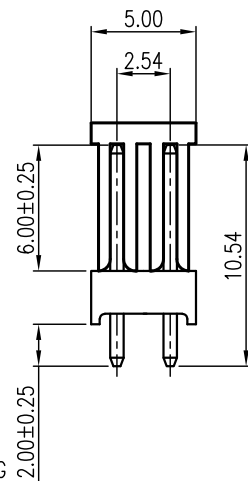
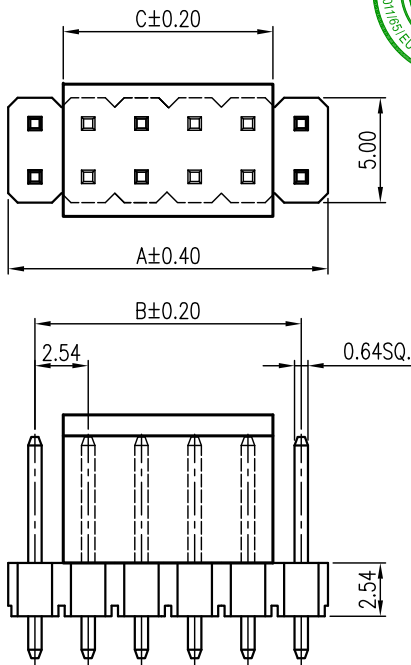
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

FOR REFERENCE ONLY



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-18067	RELEASE REVISION	05/09/2018	Roger Tsai
B	NE-19178	ADDED CAP DIM OPTION	10/23/2019	Roger Tsai
CX1	PCN_1136	ADDED PKG	05/23/2021	Roger Tsai

G800 LT 556 XXX TSHR	2 x 40 = 80	101.6	99.06	10.00
G800 LT 557 XXX TSHR	2 x 39 = 78	99.06	96.52	10.00
G800 LT 558 XXX TSHR	2 x 38 = 76	96.52	93.98	10.00
G800 LT 559 XXX TSHR	2 x 37 = 74	93.98	91.44	10.00
G800 LT 560 XXX TSHR	2 x 36 = 72	91.44	88.90	10.00
G800 LT 561 XXX TSHR	2 x 35 = 70	88.90	86.36	10.00
G800 LT 562 XXX TSHR	2 x 34 = 68	86.36	83.82	10.00
G800 LT 563 XXX TSHR	2 x 33 = 66	83.82	81.28	10.00
G800 LT 564 XXX TSHR	2 x 32 = 64	81.28	78.74	10.00
G800 LT 565 XXX TSHR	2 x 31 = 62	78.74	76.20	10.00
G800 LT 566 XXX TSHR	2 x 30 = 60	76.20	73.66	10.00
G800 LT 567 XXX TSHR	2 x 29 = 58	73.66	71.12	10.00
G800 LT 568 XXX TSHR	2 x 28 = 56	71.12	68.58	10.00
G800 LT 569 XXX TSHR	2 x 27 = 54	68.58	66.04	10.00
G800 LT 570 XXX TSHR	2 x 26 = 52	66.04	63.50	10.00
G800 LT 571 XXX TSHR	2 x 25 = 50	63.50	60.96	10.00
G800 LT 572 XXX TSHR	2 x 24 = 48	60.96	58.42	10.00
G800 LT 573 XXX TSHR	2 x 23 = 46	58.42	55.88	10.00
G800 LT 574 XXX TSHR	2 x 22 = 44	55.88	53.34	10.00
G800 LT 575 XXX TSHR	2 x 21 = 42	53.34	50.80	10.00
G800 LT 576 XXX TSHR	2 x 20 = 40	50.80	48.26	10.00
G800 LT 577 XXX TSHR	2 x 19 = 38	48.26	45.72	10.00
G800 LT 578 XXX TSHR	2 x 18 = 36	45.72	43.18	10.00
G800 LT 579 XXX TSHR	2 x 17 = 34	43.18	40.64	10.00
G800 LT 580 XXX TSHR	2 x 16 = 32	40.64	38.10	10.00
G800 LT 581 XXX TSHR	2 x 15 = 30	38.10	35.56	10.00
G800 LT 582 XXX TSHR	2 x 14 = 28	35.56	33.02	10.00
G800 LT 583 XXX TSHR	2 x 13 = 26	33.02	30.48	10.00
G800 LT 584 XXX TSHR	2 x 12 = 24	30.48	27.94	10.00
G800 LT 585 XXX TSHR	2 x 11 = 22	27.94	25.40	10.00
G800 LT 586 XXX TSHR	2 x 10 = 20	25.40	22.86	10.00
G800 LT 587 XXX TSHR	2 x 9 = 18	22.86	20.32	10.00
G800 LT 588 XXX TSHR	2 x 8 = 16	20.32	17.78	10.00
G800 LT 589 XXX TSHR	2 x 7 = 14	17.78	15.24	10.00
G800 LT 590 XXX TSHR	2 x 6 = 12	15.24	12.70	10.00
G800 LT 591 XXX TSHR	2 x 5 = 10	12.70	10.16	10.00
G800 LT 592 XXX TSHR	2 x 4 = 8	10.16	7.62	10.00
G800 LT 593 XXX TSHR	2 x 3 = 6	7.62	5.08	5.00
G800 LT 594 XXX TSHR	2 x 2 = 4	5.08	2.54	5.00
PART NUMBER	NO. OF POS.	A	B	C



RECOMMENDED PCB LAYOUT
ALL TOLERANCE ARE ±0.05

NOTES:

- INSULATOR: LCP, UL 94V-0, COLOR-BLACK
- CONTACT: COPPER ALLOY, "XXX"- PIN CONTACT/SOLDER AREA PLATING
"005"- 15μ" GOLD/GOLD FLASH
"010"- 30μ" GOLD/GOLD FLASH
"018"- GOLD FLASH/GOLD FLASH
"025"- 5μ" GOLD/GOLD FLASH
"032"- 100μ" MATTE TIN/100μ" MATTE TIN
SOLDER AREA: GOLD FLASH PLATING MIN.;
UNDER 50μ" NICKEL PLATING MIN. OVERALL.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS. AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001
- PRODUCT SPECIFICATION REFER TO : PS-7501.

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN	Aqua Chou	05/23/2021	G800 SERIES, PCB HEADER 2.54 MM PITCH STRAIGHT PCB MOUNT, W/CAP					
		CHECKED	Karen Su	05/23/2021						
		APPROVED	Roger Tsai	05/23/2021						
ANGULAR ±1°						UNIT mm	SIZE A3	PART No.	G800LTXXXXXTSHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE HEAD		SCALE NA	SHEET 2 OF 3	DWG No.	G800LTXXXXXTSHR	REV. CX1

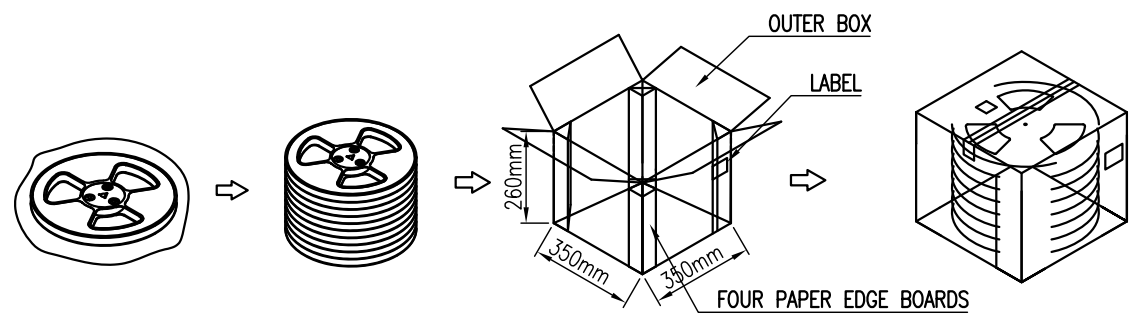
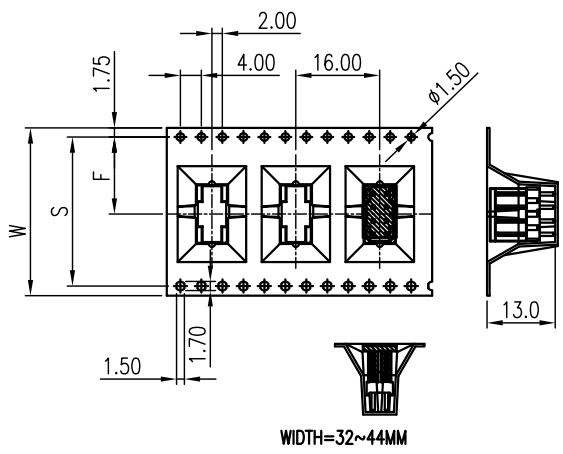
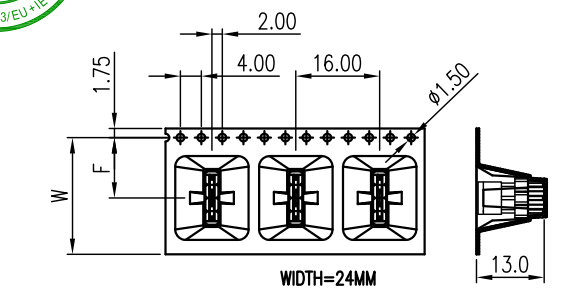
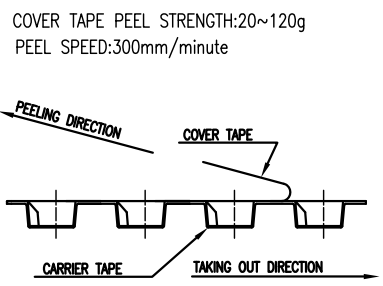
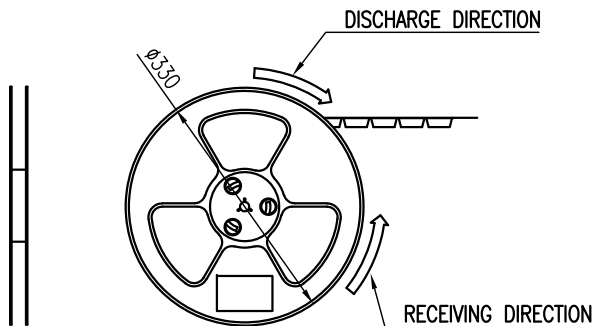
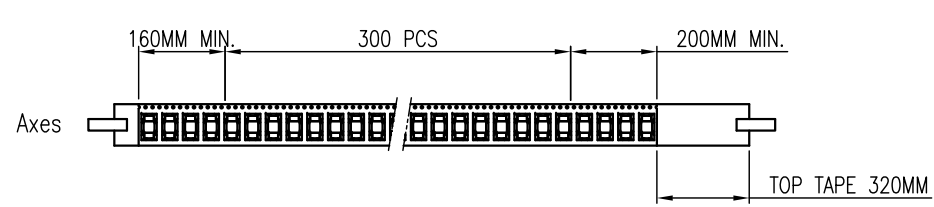
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

FOR REFERENCE ONLY



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-18067	RELEASE REVISION	05/09/2018	Roger Tsai
B	NE-19178	ADDED CAP DIM OPTION	10/23/2019	Roger Tsai
CX1	PCN_1136	ADDED PKG	05/23/2021	Roger Tsai



1*07=07~1*08=08	44	40.4	20.2	37.5	300	5R	1500
1*05=05~1*06=06	32	28.4	14.2	25.5	300	6R	1800
1*02=02~1*04=04	24	/	11.5	21.3	300	8R	2400
2*12=24	56	40.4	20.2	49.5	300	4R	1200
2*08=16~2*10=20	44	40.4	20.2	37.5	300	4R	1200
2*04=08~2*06=12	32	28.4	14.2	25.5	300	6R	1800
2*02=04~2*03=06	24	/	11.5	21.3	300	8R	2400
PIN NO.	W	S	F	Cover Tape	REEL /PCS	CARTON /R	CARTON /PCS

TOLERANCE		APPROVALS		DATE		TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. ±0.30 X.X ±0.20 X.XX ±0.10 X.XXX ±0.10		DRAWN Aqua Chou		05/23/2021		G800 SERIES, PCB HEADER 2.54 MM PITCH STRAIGHT PCB MOUNT, W/CAP					
		CHECKED Karen Su		05/23/2021							
		APPROVED Roger Tsai		05/23/2021							
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. G800LTXXXXXTSHR	
								SCALE NA	SHEET 3 OF 3	DWG No. G800LTXXXXXTSHR	
UNLESS OTHERWISE SPECIFIED		CUST DWG		PROJECT CODE HEAD						REV. CX1	