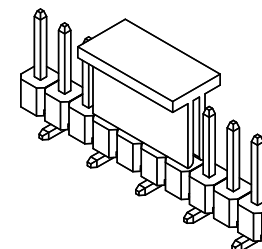
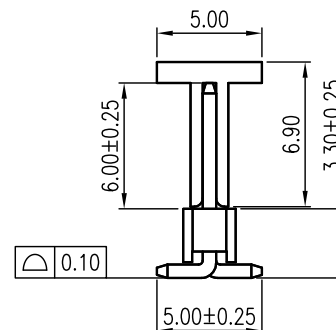
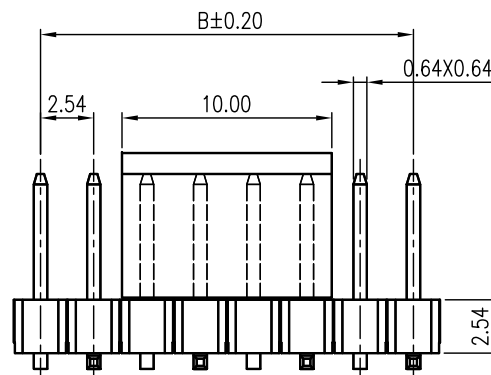
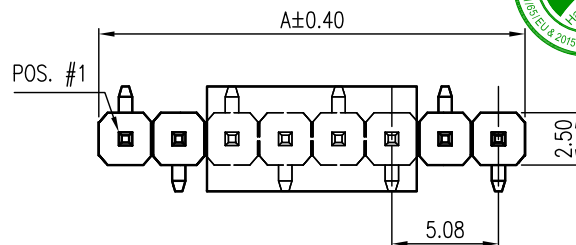


The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

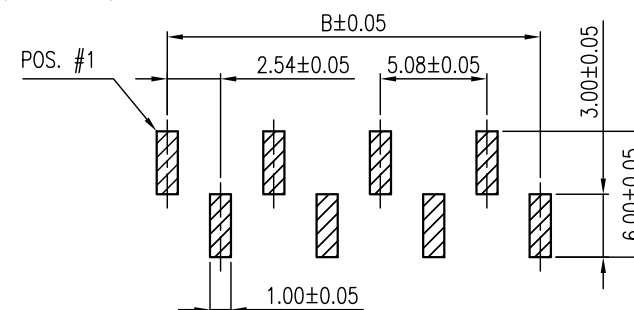
FOR REFERENCE ONLY



REVISONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-13149	REVISION TO PRODUCTION	09/18/2013	Roger Tsai
B	NE-18184	UPDATED PACKAGING	08/31/2018	Roger Tsai
C	NE-21169	REVISED INSULATOR CHAMFER	10/13/2021	Roger Tsai
DX1	PCN_1439	ADDED 2*6POS. PKG	09/20/2022	Roger Tsai



1. INSULATOR: LCP, UL 94V-0, COLOR- BLACK
2. 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
UNDER 50u" NICKEL PLATING OVERALL
3. 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.
4. PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001
5. CURRENT RATING: 3.0 Amps/contact MAX.
6. WITHSTANDING VOLTAGE: 1000V AC/MINUTE



RECOMMENDED PCB LAYOUT

G800 MR 298 XXX HR	1 x 10 = 10	25.40	22.86
G800 MR 299 XXX HR	1 x 9 = 9	22.86	20.32
G800 MR 300 XXX HR	1 x 8 = 8	20.32	17.78
G800 MR 301 XXX HR	1 x 7 = 7	17.78	15.24
G800 MR 302 XXX HR	1 x 6 = 6	15.24	12.70
G800 MR 303 XXX HR	1 x 5 = 5	12.70	10.16
G800 MR 304 XXX HR	1 x 4 = 4	10.16	7.62
G800 MR 305 XXX HR	1 x 3 = 3	7.62	5.08
G800 MR 306 XXX HR	1 x 2 = 2	5.08	2.54
PART NUMBER	NO. OF POS.	A	B

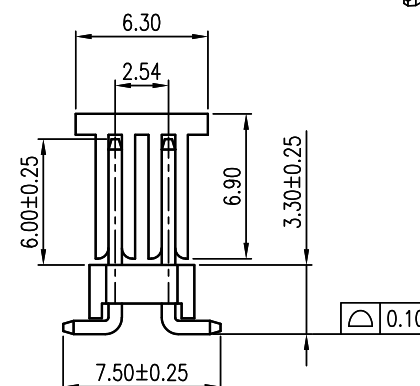
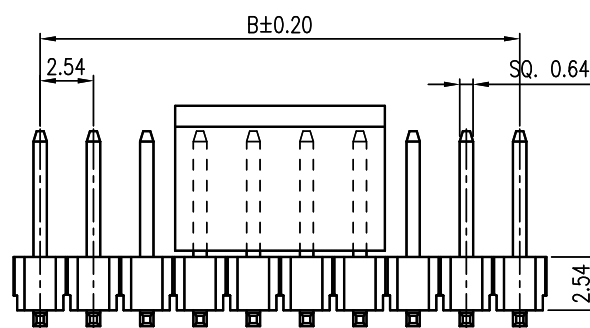
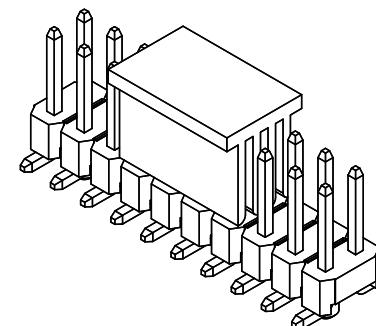
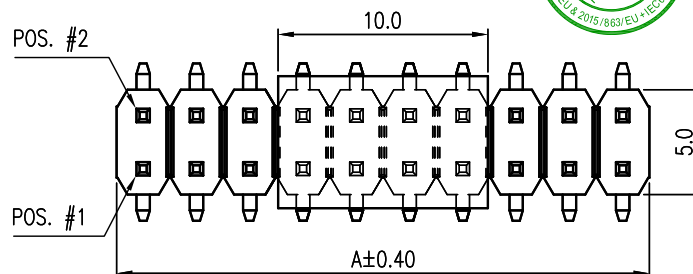
TOLERANCE		APPROVALS	DATE	G800 SERIES, PIN HEADER SINGLE ROW, 2.54 PITCH VERTICAL, SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou	09/20/2022						
		CHECKED Joseph Jiang	09/20/2022						
		APPROVED Roger Tsai	09/20/2022						
ANGULAR ±1°					UNIT mm	SIZE A3	PART No. G800MRXXXXXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE HEAD		SCALE NA	SHEET 1 OF 3	DWG No. G800MRXXXXXXHR		REV. DX1

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.

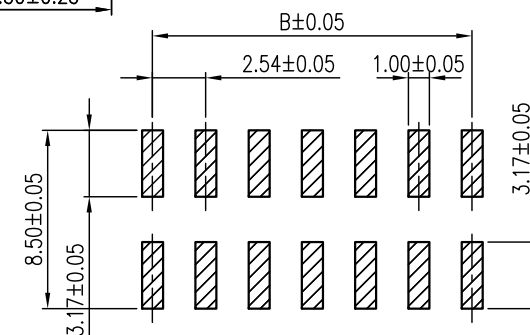
FOR REFERENCE ONLY



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-13149	REVISION TO PRODUCTION	09/18/2013	Roger Tsai
B	NE-18184	UPDATED PACKAGING	08/31/2018	Roger Tsai
C	NE-21169	REVISED INSULATOR CHAMFER	10/13/2021	Roger Tsai
DX1	PCN_1439	ADDED 2*6POS. PKG	09/20/2022	Roger Tsai

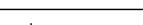


1. INSULATOR: LCP, UL 94V-0, COLOR- BLACK
2. CONTACT: COPPER ALLOY, "XXX"- PIN CONTACT/SOLDER AREA PLATING
"005"- 15μ" GOLD/GOLD FLASH
"010"- 30μ" GOLD/GOLD FLASH
"018"- GOLD FLASH/GOLD FLASH
"025"- 5μ" GOLD/GOLD FLASH
"032"- 100μ" MATTE TIN/100μ" MATTE TIN
UNDER 50u" NICKEL PLATING OVERALL
3. THIS PRODUCT 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.
4. PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001
5. CURRENT RATING: 3.0 Amps/contact MAX.
6. WITHSTANDING VOLTAGE: 1000V AC/MINUTE



RECOMMENDED P.C.B. LAYOUT

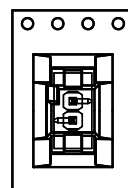
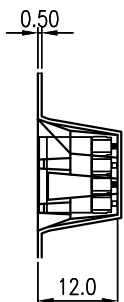
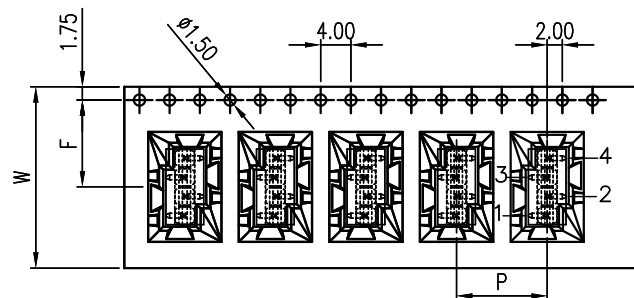
G800 MR 586 XXX HR	$2 \times 10 = 20$	25.40	22.86
G800 MR 587 XXX HR	$2 \times 9 = 18$	22.86	20.32
G800 MR 588 XXX HR	$2 \times 8 = 16$	20.32	17.78
G800 MR 589 XXX HR	$2 \times 7 = 14$	17.78	15.24
G800 MR 590 XXX HR	$2 \times 6 = 12$	15.24	12.70
G800 MR 591 XXX HR	$2 \times 5 = 10$	12.70	10.16
G800 MR 592 XXX HR	$2 \times 4 = 8$	10.16	7.62
G800 MR 593 XXX HR	$2 \times 3 = 6$	7.62	5.08
G800 MR 594 XXX HR	$2 \times 2 = 4$	5.08	2.54
PART NUMBER	NO. OF POS.	A	B

TOLERANCE		APPROVALS		DATE	G800 SERIES, PIN HEADER DUAL ROWS, 2.54 PITCH VERTICAL, SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou	09/20/2022					UNIT mm	SIZE A3	PART No. G800MRXXXXXXHR			
		CHECKED Joseph Jiang	09/20/2022					SCALE NA	SHEET 2 OF 3	DWG No. G800MRXXXXXXHR	REV DX1		
ANGULAR ±1°		APPROVED Roger Tsai	09/20/2022										
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE HEAD										

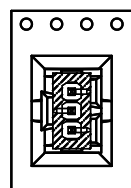
FOR REFERENCE ONLY



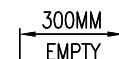
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-13149	REVISION TO PRODUCTION	09/18/2013	Roger Tsai
B	NE-18184	UPDATED PACKAGING	08/31/2018	Roger Tsai
C	NE-21169	REVISED INSULATOR CHAMFER	10/13/2021	Roger Tsai
DX1	PCN_1439	ADDED 2*6PS. PKG	09/20/2022	Roger Tsai



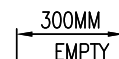
FOR 1X2POS



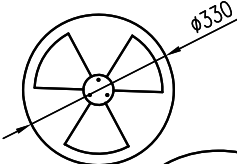
FOR 1X3POS



EMIT 11



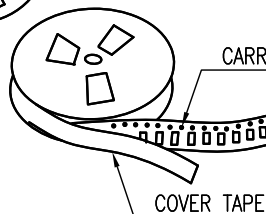
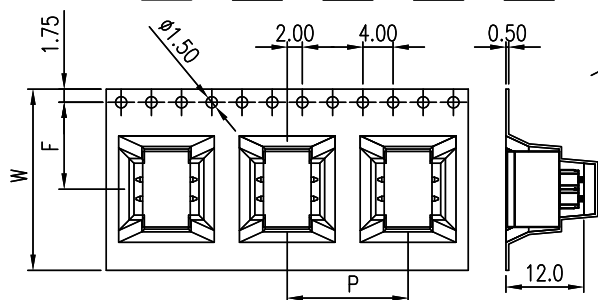
EMI 11



PARTITION BOARD

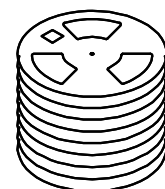
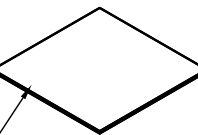
TRIANGLE BOARD 4PCS

SHIPPING CARTON

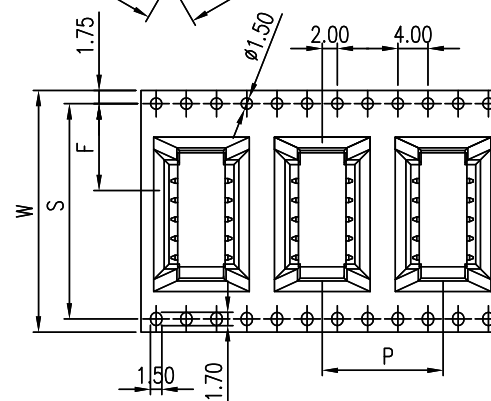
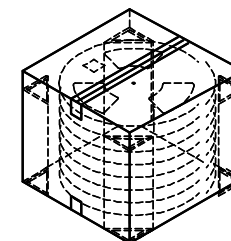
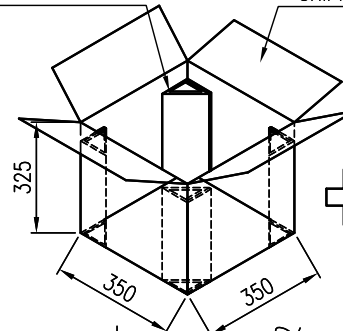
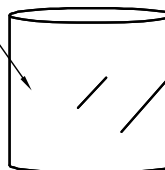


CARRIER TAPE

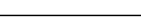
R TAPE



INNER BAG



G800MR586XXXHR(2X10)	350	5	1750	16.0	44.0	20.2	40.4
G800MR588XXXHR(2X8)	350	5	1750	16.0	44.0	20.2	40.4
G800MR589XXXHR(2X7)	350	7	2450	16.0	32.0	14.2	28.4
G800MR590XXXHR(2X6)	300	7	2100	16.0	32.0	14.2	28.4
G800MR591XXXHR(2X5)	400	9	3600	12.0	24.0	11.5	--
G800MR592XXXHR(2X4)	350	9	3150	16.0	24.0	11.5	--
G800MR593XXXHR(2X3)	350	9	3150	16.0	24.0	11.5	--
G800MR594XXXHR(2X2)	350	9	3150	16.0	24.0	11.5	--
G800MR300XXXHR(1X8)	350	5	1750	16.0	44.0	20.2	40.4
G800MR302XXXHR(1X6)	350	7	2450	16.0	32.0	14.2	28.4
G800MR303XXXHR(1X5)	500	9	4500	12.0	24.0	11.5	--
G800MR304XXXHR(1X4)	500	9	4500	12.0	24.0	11.5	--
G800MR305XXXHR(1X3)	350	9	3150	16.0	24.0	11.5	--
G800MR306XXXHR(1X2)	350	9	3150	16.0	24.0	11.5	--
P/N (POS.)	PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	DIM P (MM)	DIM W (MM)	DIM F (MM)	DIM S (MM)

TOLERANCE		APPROVALS	DATE	8800 SERIES, PIN HEADER DUAL ROWS, 2.54 PITCH VERTICAL, SMT TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou	09/20/2022							UNIT mm SIZE A3 SCALE NA SHEET 3 OF 3		
		CHECKED Joseph Jiang	09/20/2022									
		APPROVED Roger Tsai	09/20/2022									
ANGULAR ±1°							PART No. 8800MRXXXXXXHR					
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE HEAD				DWG No. 8800MRXXXXXXHR REV. DX1					