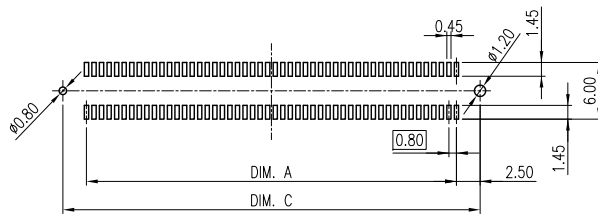
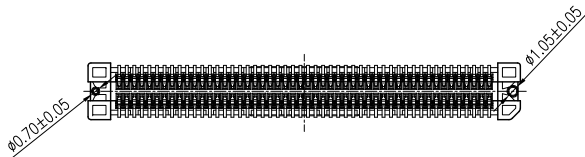
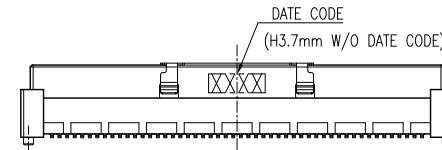
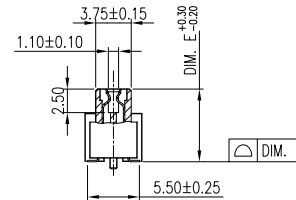
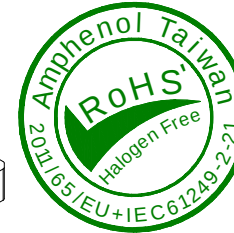
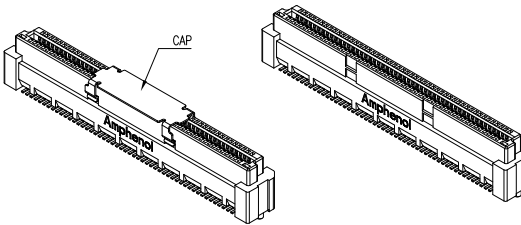
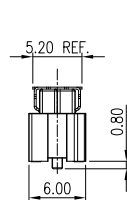
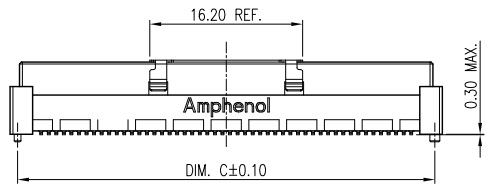
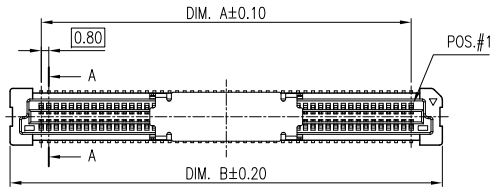


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ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	03/08/2016	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	03/17/2016	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	08/25/2016	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	11/02/2016	Sondra Sang



RECOMMENDED PCB LAYOUT- TOP VIEW
(GENERAL TOLERANCES: ±0.05)

PART NUMBER:
G832MC 0 X XXX X X 2 X HR

COLOR OF HSG
1: LCP, BLACK
3: LCP, NATURAL WHITE

NO OF POS.

CONN. HEIGHT (DIM. E)
1: 3.70mm
4: 6.70mm
5: 7.70mm
6: 11.70mm

PACKAGE OPTION
1: TUBE PACKING, W/O CAP
2: T&R PACKING, W/ CAP
3: T&R PACKING, W/O CAP
4: T&R PACKING, W/ MYLAR (JUST FOR 20~30POS.)
5: TUBE PACKING, W/ CAP

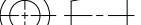
CONTACT FINISH
0: GOLD FLASH
1: 15μ" GOLD
2: 30μ" GOLD
3: 8μ" GOLD

DATE CODE
X X X X
DATE (1~7: SUNDAY~SATURDAY)
WEEK (25: THE 25TH WEEK)
YEAR (5: 2015)

200	79.20	85.80	84.20	0.13 MAX.
180	71.20	77.80	76.20	
160	63.20	69.80	68.20	
140	55.20	61.80	60.20	
120	47.20	53.80	52.20	0.10 MAX.
100	39.20	45.80	44.20	
80	31.20	37.80	36.20	
60	23.20	29.80	28.20	
40	15.20	21.80	20.20	
POS.	DIM. A	DIM. B	DIM. C	DIM. D

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, 0.15mm THICKNESS, SELECTIVE GOLD PLATED ON CONTACT AREA, 100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATED OVERALL
- CAP: STAINLESS STEEL, 0.20mm THICKNESS
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER R DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

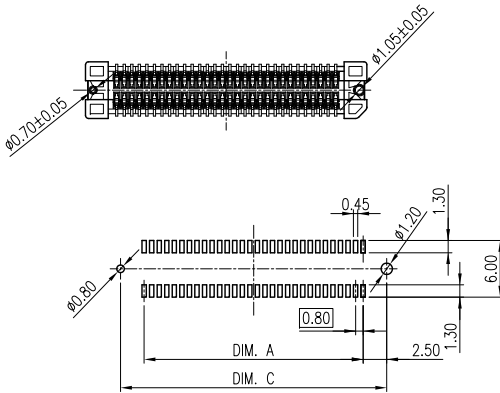
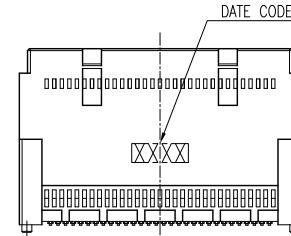
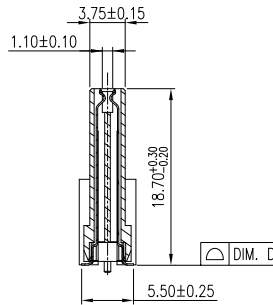
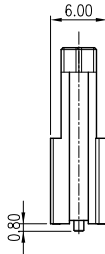
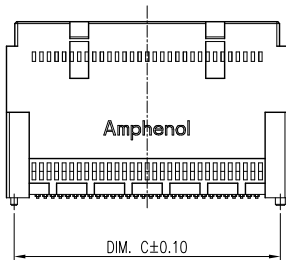
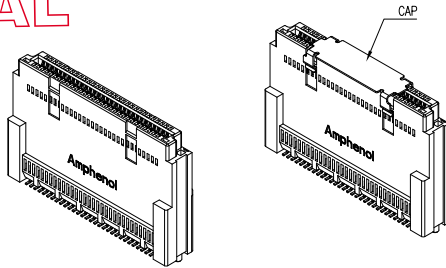
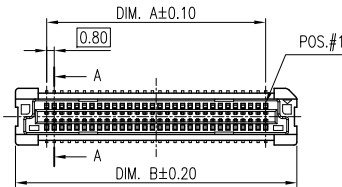
TOLERANCE		APPROVALS		DATE		TITLE			Amphenol®		
X. ±0.30		DRAWN Sondra Sang		11/2/2016		BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS			Amphenol Corporation		
X.X ±0.20		CHECKED Chenny Yeh		11/2/2016					Amphenol Taiwan Corporation		
X.XX ±0.10		APPROVED Hank Hsu		11/2/2016							
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. G832MC 0XXXX XX2X HR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T572				SCALE NA	SHEET 1 OF 5	DWG No. G832MC0XXXXXX2XHR	REV. D

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ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	03/08/2016	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	03/17/2016	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	08/25/2016	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	11/02/2016	Sondra Sang



RECOMMENDED PCB LAYOUT- TOP VIEW
(GENERAL TOLERANCES: ±0.05)

PART NUMBER:
G832MC 0 X XXX 8 X 2 X HR

COLOR OF HSG
1: LCP, BLACK

NO OF POS.

CONN. HEIGHT (DIM. E)
8: 18.70mm

PACKAGE OPTION
1: TUBE PACKING, W/O CAP
2: T&R PACKING, W/ CAP
3: T&R PACKING, W/O CAP
4: T&R PACKING, W/ MYLAR (JUST FOR 20~30 POS.)
5: TUBE PACKING, W/ CAP

CONTACT FINISH
0: GOLD FLASH
1: 15μ" GOLD
2: 30μ" GOLD
3: 8μ" GOLD

DATE CODE
X X X X
DATE (1~7: SUNDAY~SATURDAY)
WEEK (25: THE 25TH WEEK)
YEAR (5: 2015)

200	79.20	85.80	84.20	0.13 MAX.
180	71.20	77.80	76.20	
160	63.20	69.80	68.20	
140	55.20	61.80	60.20	
120	47.20	53.80	52.20	0.10 MAX.
100	39.20	45.80	44.20	
80	31.20	37.80	36.20	
60	23.20	29.80	28.20	
40	15.20	21.80	20.20	
POS.	DIM. A	DIM. B	DIM. C	DIM. D

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, 0.15mm THICKNESS, SELECTIVE GOLD PLATED ON CONTACT AREA, 100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATED OVERALL
- CAP: STAINLESS STEEL, 0.20mm THICKNESS
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER R DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

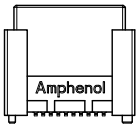
TOLERANCE	APPROVALS	DATE	TITLE		UNIT		SIZE	PART No.	
X. ±0.30 X.X ±0.20 X.XX ±0.10 X.XXX ±0.10	DRAWN Sondra Sang	11/2/2016	BOARD TO BOARD CONN.		mm		A3	G832MC 0XXXX XX2X HR	
ANGULAR ±1°	CHECKED Chenny Yeh	11/2/2016	0.80mm PITCH, RECEPTACLE		SCALE		NA	DWG No. G832MC0XXXXXX2XHR	
UNLESS OTHERWISE SPECIFIED	APPROVED Hank Hsu	11/2/2016	HIGH SPEED, 100 OHMS		SHEET		2 OF 5	REV. D	
	DWG TYPE CUST DWG	PROJECT CODE T572							

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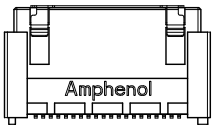
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ORIGINAL

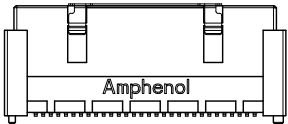
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	03/08/2016	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	03/17/2016	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	08/25/2016	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	11/02/2016	Sondra Sang



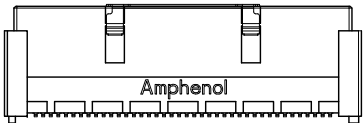
20PIN



40PIN



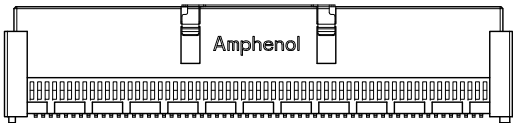
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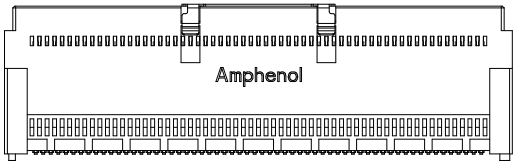
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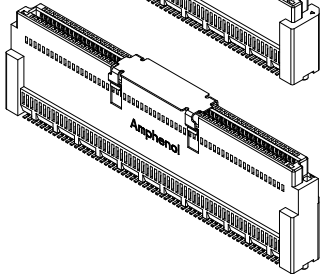
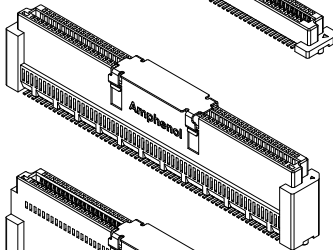
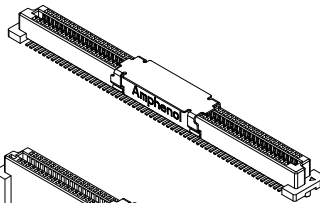
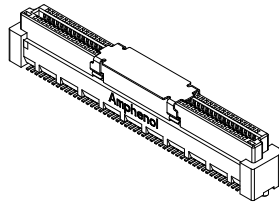
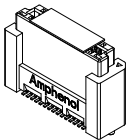
120PIN (H3.7mm)



120PIN (H7.7mm & H11.7mm)



120PIN (ABOVE H11.7mm)



TOLERANCE		APPROVALS		DATE		TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DRAWN Sondra Sang		11/2/2016		BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS								
	CHECKED Chenny Yeh		11/2/2016										
	APPROVED Hank Hsu		11/2/2016										
	ANGULAR ±1°												
UNLESS OTHERWISE SPECIFIED		CUST DWG		PROJECT CODE T572				UNIT mm	SIZE A3	PART No. G832MC 0X XXX XX2X HR			
								SCALE NA	SHEET 3 OF 5	DWG No. G832MC0XXXXXX2XHR	REV. D		

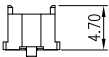
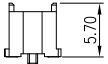
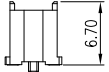
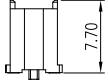
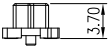
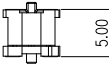
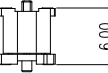
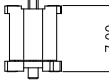
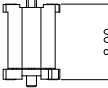
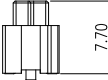
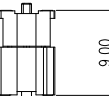
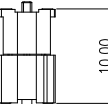
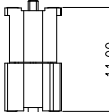
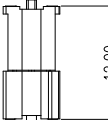
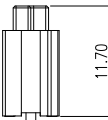
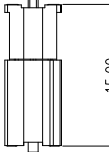
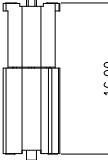
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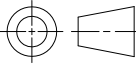
ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	03/08/2016	Sondra Sang
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D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	11/02/2016	Sondra Sang



CONNECTOR STYLE AND MATING HEIGHT		PLUG			
		 4.70	 5.70	 6.70	 7.70
		G832MC 1XXXX 2X2X HR	G832MC 1XXXX 3X2X HR	G832MC 1XXXX 4X2X HR	G832MC 1XXXX 5X2X HR
RECEPTACLE	 3.70	 5.00	 6.00	 7.00	 8.00
	G832MC 0XXXX 1X2X HR				
	 7.70	 9.00	 10.00	 11.00	 12.00
	G832MC 0XXXX 5X2X HR				
	 11.70	 13.00	 14.00	 15.00	 16.00
	G832MC 0XXXX 6X2X HR				

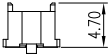
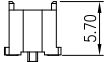
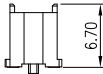
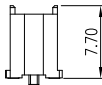
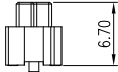
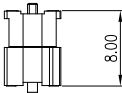
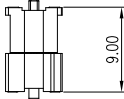
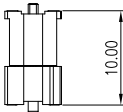
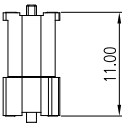
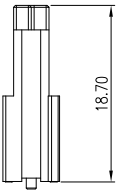
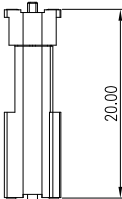
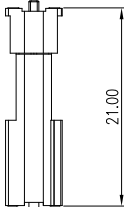
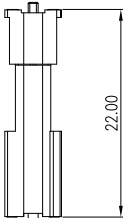
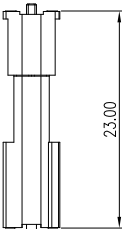
MATING HEIGHT TABLE 1

TOLERANCE		APPROVALS		DATE	TITLE BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X.		DRAWN	Sondra Sang	11/2/2016					
X.X	±0.30	CHECKED	Chenny Yeh	11/2/2016			PART No. G832MC 0XXXX XX2X HR		
X.XX	±0.20	APPROVED	Hank Hsu	11/2/2016			DWG No. G832MC0XXXXXX2XHR		
X.XXX	±0.10	DWG TYPE	CUST DWG	PROJECT CODE	T572	UNIT	mm	SIZE	A3
ANGULAR	±1°					SCALE	NA	SHEET	4 OF 5
UNLESS OTHERWISE SPECIFIED								REV.	D

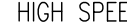
ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	03/08/2016	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	03/17/2016	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	08/25/2016	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	11/02/2016	Sondra Sang



CONNECTOR STYLE AND MATING HEIGHT		PLUG			
					
RECEPTACLE					
					

MATING HEIGHT TABLE 2

TOLERANCE		APPROVALS		DATE		TITLE BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation							
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DRAWN	Sondra Sang	11/2/2016					UNIT	mm	SIZE	A3	PART No.	G832MC 0XXXX XX2X HR		
	CHECKED	Chenny Yeh	11/2/2016					SCALE	NA	SHEET	5 OF 5	DWG No.	G832MC0XXXXXX2XHR	REV.	D
	APPROVED	Hank Hsu	11/2/2016					PROJECT CODE		T572					
ANGULAR ±1°		DWG TYPE		CUST DWG											
UNLESS OTHERWISE SPECIFIED															

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

G832MC010601122HR	G832MC010608222HR	G832MC010605122HR	G832MC010608122HR
G832MC010604122HR	G832MC010406022HR	G832MC030605022HR	G832MC031206022HR
G832MC030401222HR	G832MC030801222HR	G832MC030405222HR	G832MC030605322HR
G832MC030608222HR	G832MC011005022HR	G832MC010808222HR	G832MC010405122HR
G832MC030405122HR	G832MC030606222HR	G832MC030405022HR	G832MC030606122HR
G832MC030808122HR	G832MC010808122HR	G832MC011201222HR	G832MC010805122HR
G832MC031205122HR	G832MC011205122HR	G832MC030608122HR	G832MC031205322HR
G832MC011205022HR	G832MC011205322HR	G832MC030808022HR	G832MC030805122HR
G832MC010801122HR	G832MC010606222HR	G832MC031201122HR	G832MC010801022HR
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G832MC011205222HR	G832MC011206122HR	G832MC010606322HR	G832MC010401022HR
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G832MC011201322HR	G832MC030601322HR	G832MC010401322HR	G832MC010401222HR