

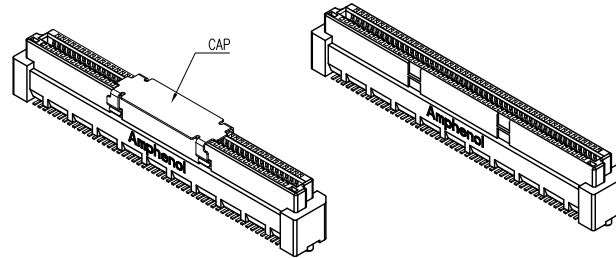
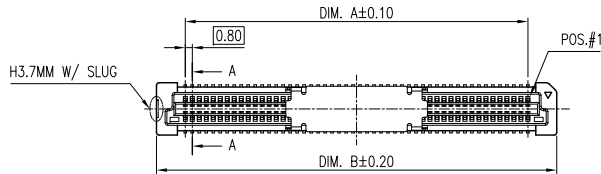
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.  
 The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



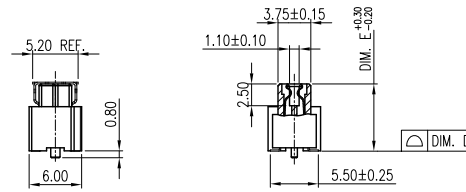
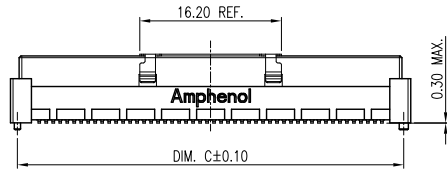
ORIGINAL



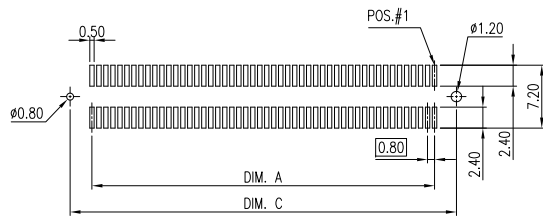
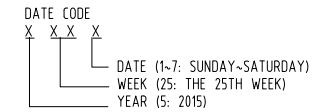
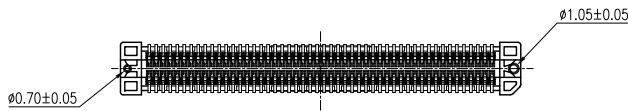
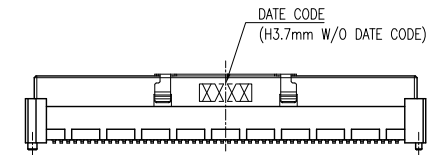
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 2	2016.03.17	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD HOLES IN HOUSING	2016.11.02	Sondra Sang
E	NE-17310	ADDED DETAIL VIEW	2017.12.11	Sondra Sang
F	NE-18200	ADDED PIN#1 IN PCB LAYOUT	2018.10.08	Sondra Sang



DETAIL VIEW (FOR H15.7mm)



A-A SECTION



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

PART NUMBER:  
G832MB 0 X XXX X X 2 X HR

STYLE OPTION  
1: STRAIGHT, LCP- BLACK  
3: STRAIGHT, LCP- NATURAL WHITE

NO OF POS.

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

CONN. HEIGHT (DIM. E)

- 1: 3.70mm
- 3: 5.70mm
- 5: 7.70mm
- 6: 11.70mm
- 7: 15.70mm

CONTACT FINISH

- 0: GOLD FLASH
- 1: 15?" GOLD
- 2: 30?" GOLD
- 3: 8?" GOLD

NOTES:

1. HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- OPTIONAL
2. CONTACT: COPPER ALLOY, SELECTIVE GOLD PLATED ON CONTACT AREA, 100u" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50u" MIN. NICKEL UNDER-PLATED OVERALL
3. CAP: STAINLESS STEEL
4. PRODUCT SPECIFICATION REFERS TO PS-7562
5. 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.

POS.	DIM. A	DIM. B	DIM. C	DIM. D
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	
64	24.80	31.40	29.80	
60	23.20	29.80	28.20	
40	15.20	21.80	20.20	
20	7.20	13.80	12.20	

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	BOARD TO BOARD CONN. 0.80mm PITCH RECEPTACLE		UNIT mm	SIZE A3	PART No. G832MB 0X XXX XX2X HR
X	DESIGNED	Sondra Sang	10/08/2018	PROJECT CODE T572					
X.X ±0.30	CHECKED	Chenny Yeh	10/08/2018						
X.XX ±0.20	APPROVED	Hank Hsu	10/08/2018						
X.XXX ±0.10	DWG TYPE	CUST DWG			SCALE NA	SHEET 1 OF 4	DWG No. G832MB0XXXXXX2XHR	REV. F	
ANGULAR ±2°									
UNLESS OTHERWISE SPECIFIED									

Amphenol®

Amphenol Corporation  
Amphenol Taiwan Corporation

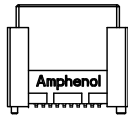
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.  
 The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



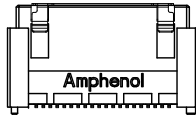
ORIGINAL



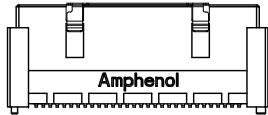
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 2	2016.03.17	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD HOLES IN HOUSING	2016.11.02	Sondra Sang
E	NE-17310	ADDED DETAIL VIEW	2017.12.11	Sondra Sang
F	NE-18200	ADDED PIN#1 IN PCB LAYOUT	2018.10.08	Sondra Sang



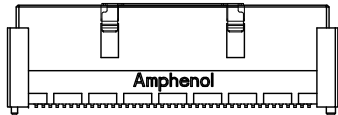
20PIN



40PIN



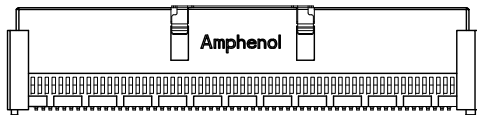
60PIN



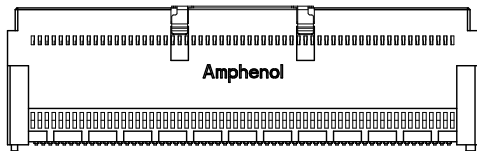
80PIN



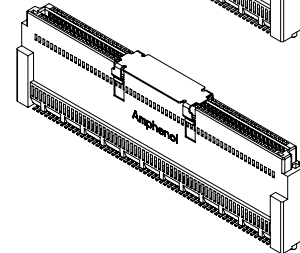
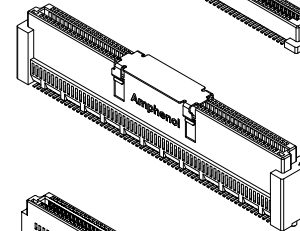
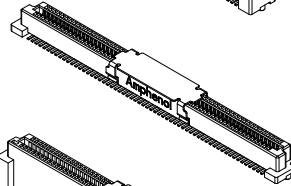
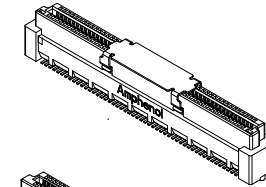
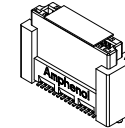
(H3.7mm)



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



(ABOVE H11.7mm)



TOLERANCE X. ±0.30 X.X ±0.20 X.XX ±0.10 X.XXX ANGULAR ±2° UNLESS OTHERWISE SPECIFIED	DRAWN APPROVALS DESIGNED <b>Sondra Sang</b> CHECKED <b>Chenny Yeh</b> APPROVED <b>Hank Hsu</b> DWG TYPE <b>CUST DWG</b>	DATE <b>10/08/2018</b> <b>10/08/2018</b> <b>10/08/2018</b> PROJECT CODE <b>T572</b>	TITLE <b>BOARD TO BOARD CONN.          0.80mm PITCH          RECEPTACLE</b>	UNIT <b>mm</b> SCALE <b>NA</b> SIZE <b>A3</b> SHEET <b>2 OF 4</b>	<b>Amphenol®</b> Amphenol Corporation Amphenol Taiwan Corporation PART No. <b>G832MB 0X XXX XX2X HR</b> DWG No. <b>G832MB0XXXXXX2XHR</b> REV. <b>F</b>

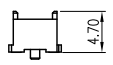
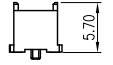

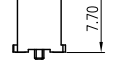
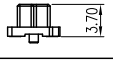
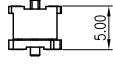



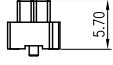
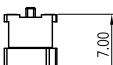
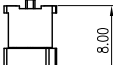


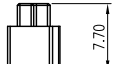
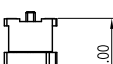
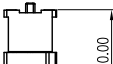

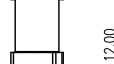
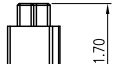
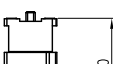
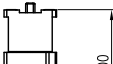

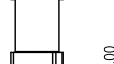
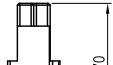
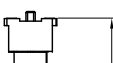
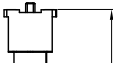


This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.  
 The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.

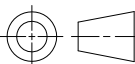


ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 2	2016.03.17	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD HOLES IN HOUSING	2016.11.02	Sondra Sang
E	NE-17310	ADDED DETAIL VIEW	2017.12.11	Sondra Sang
F	NE-18200	ADDED PIN#1 IN PCB LAYOUT	2018.10.08	Sondra Sang

CONNECTOR STYLE AND MATING HEIGHT		PLUG			
					
		G832MB 1X XXX 2X2X HR	G832MB 1X XXX 3X2X HR	G832MB 1X XXX 4X2X HR	G832MB 1X XXX 5X2X HR
RECEPTACLE	 G832MB 0X XXX 1X2X HR				
	 G832MB 0X XXX 3X2X HR				
	 G832MB 0X XXX 5X2X HR				
	 G832MB 0X XXX 6X2X HR				
	 G832MB 0X XXX 7X2X HR				

TOLERANCE X. ±0.30 X.X ±0.20 X.XX ±0.10 X.XXX ±0.10  ANGULAR ±2°  UNLESS OTHERWISE SPECIFIED	DESIGNED	APPROVALS	DATE	BOARD TO BOARD CONN. 0.80mm PITCH RECEPTACLE		UNIT	SCALE	SIZE	PART No.
	CHECKED	Sondra Sang	10/08/2018			mm	A3	G832MB 0X XXX XX2X HR	
	APPROVED	Chenny Yeh	10/08/2018			NA	3 OF 4	G832MB0XXXXXX2XHR	
	DWG TYPE	Hank Hsu	10/08/2018			PROJECT CODE	T572	REV. F	

**Amphenol®**  
 Amphenol Corporation  
 Amphenol Taiwan Corporation

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.

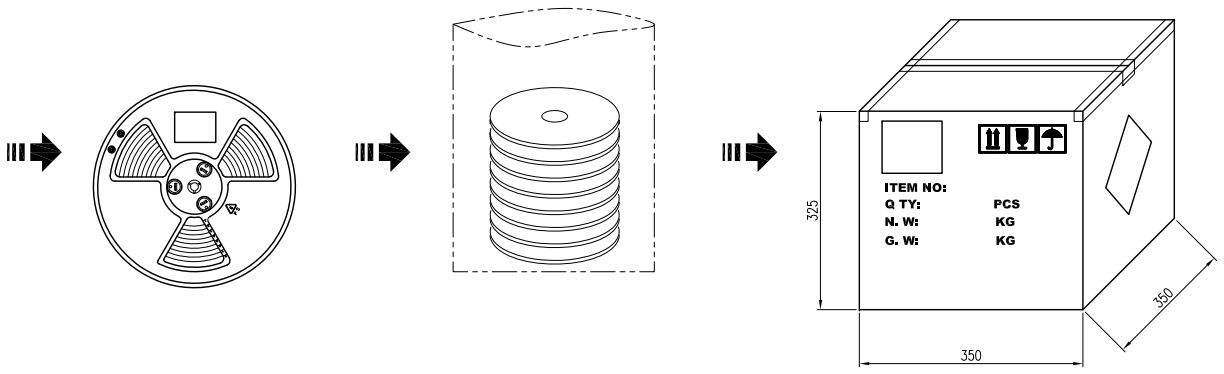
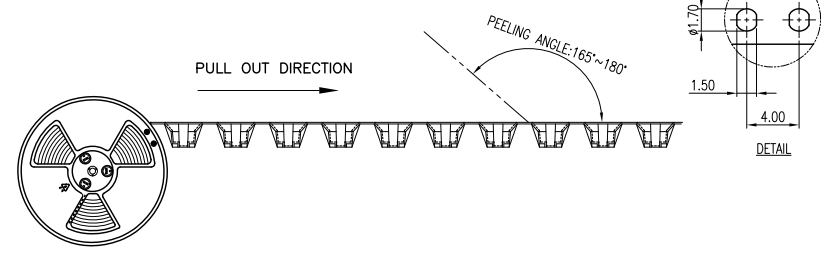
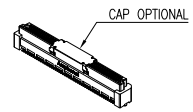
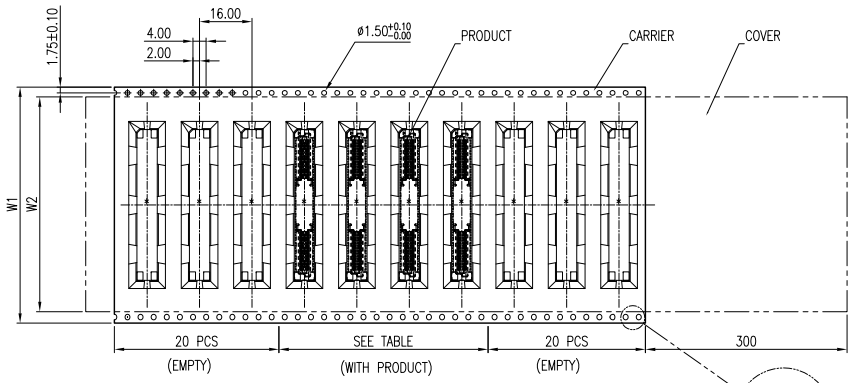
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16216	ADDED PNS IN TABLE	2016.09.21	Sondra Sang
C	NE-16232	ADDED H15.7 & H18.7mm	2016.11.02	Sondra Sang
D	NE-17292	ADDED 40POS. H3.7mm IN TABLE	2017.11.17	Sondra Sang
E	NE-18122	ADDED PNS IN TABLE	2018.06.15	Sondra Sang
F	NE-18200	ADDED PIN#1 IN PCB LAYOUT	2018.10.08	Sondra Sang



G832MX0X0807X22HR	15.70	80	56.0	49.5	200	1000
G832MX0X0607X22HR	15.70	60	56.0	49.5	200	1000
G832MX0X1206X22HR	11.70	120	72.0	65.5	250	1000
G832MX0X0806X22HR	11.70	80	56.0	49.5	250	1250
G832MX0X0646X22HR	11.70	64	56.0	49.5	250	1250
G832MX0X0606X22HR	11.70	60	56.0	49.5	250	1250
G832MX0X0406X22HR	11.70	40	44.0	37.5	250	1500
G832MX0X0206X22HR	11.70	20	32.0	25.5	250	2000
G832MX0X1205X22HR	7.70	120	72.0	65.5	400	1600
G832MX0X1005X22HR	7.70	100	72.0	65.5	400	2000
G832MX0X0805X22HR	7.70	80	56.0	49.5	400	2000
G832MX0X0645X22HR	7.70	64	56.0	49.5	400	2000
G832MX0X0605X22HR	7.70	60	56.0	49.5	400	2000
G832MX0X0405X22HR	7.70	40	44.0	37.5	400	2400
G832MX0X1203X22HR	5.70	120	72.0	65.5	500	2000
G832MX0X0403X22HR	5.70	40	44.0	37.5	500	3000
G832MX0X1201X22HR	3.70	120	72.0	65.5	700	2800
G832MX0X0801X22HR	3.70	80	56.0	49.5	700	3500
G832MX0X0641X22HR	3.70	64	56.0	49.5	700	3500
G832MX0X0601X22HR	3.70	60	56.0	49.5	700	3500
G832MX0X0401X22HR	3.70	40	44.0	37.5	700	4200
G832MX0X0201X22HR	3.70	20	32.0	25.5	700	5600
PART NUMBER	HEIGHT	POS.	DIM. W1	DIM. W2	PCS/REEL	PCS/CARTON

- NOTES:
- MATERIAL: ANTI-CONDUCTIVE POLYSTYRENE ALLOY, COLOR- BLACK
  - THICKNESS: 0.50±0.05 mm
  - PEELING SPEED: 300mm/MINUTE
  - PEELING RESISTANCE: 30g~100g
  - PEELING ANGLE: 165° ~ 180°
  - LABEL: 3 OF 9 CODE OR 128 CODE
  - THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EC FOR RoHS COMPLIANT.

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X. ±0.30	DESIGNED	Sondra Sang	10/08/2018	BTB 0.8MM PITCH RECEPTACLE FOR G832MB TAPE & REEL PACKING	mm	A3	G832MB 0X XXX XX2X HR
X.X ±0.20	CHECKED	Chenny Yeh	10/08/2018				
X.XX ±0.10	APPROVED	Hank Hsu	10/08/2018	PROJECT CODE	SCALE	SHEET	DWG No.
ANGULAR ±2°	DWG TYPE	CUST DWG	T572	1:1	NA	4 OF 4	G832MB0XXXXXX2XHR
UNLESS OTHERWISE SPECIFIED							REV. F

Amphenol®  
Amphenol Corporation  
Amphenol Taiwan Corporation

# Mouser Electronics

Authorized Distributor

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

## Amphenol:

[G832ME130205222HR](#) [G832MC010646022HR](#) [G832MG110402322HR](#) [G832ME010641122HR](#)  
[G832MG110405022HR](#) [G832MG011201222HR](#) [G832MC131003222HR](#) [G832MG030801022HR](#)  
[G832MC131003022HR](#) [G832MG111202122HR](#) [G832MG110645022HR](#) [G832MC030646322HR](#)  
[G832MC010206022HR](#) [G832MG010601122HR](#) [G832MG030201122HR](#) [G832ME130205322HR](#)  
[G832ME130205122HR](#) [G832ME010201122HR](#) [G832MG130605122HR](#) [G832MG131205322HR](#)  
[G832MG130802122HR](#) [G832MG030641122HR](#) [G832MG010201322HR](#) [G832MG131205122HR](#)  
[G832MG110803322HR](#) [G832MC030206322HR](#) [G832MC010645322HR](#) [G832MG111204022HR](#)  
[G832ME110204222HR](#) [G832MG131202022HR](#) [G832MG030801322HR](#) [G832ME010641222HR](#)  
[G832MC010206222HR](#) [G832MG110805222HR](#) [G832MG110802022HR](#) [G832MC131003322HR](#)  
[G832MG110204122HR](#) [G832ME031201122HR](#) [G832ME030401122HR](#) [G832MG010641022HR](#)  
[G832ME130204322HR](#) [G832MG030601322HR](#) [G832ME010801022HR](#) [G832MG130404322HR](#)  
[G832MG110204322HR](#) [G832MG130803322HR](#) [G832MG111202022HR](#) [G832MG130803222HR](#)  
[G832MG130203022HR](#) [G832MG010601322HR](#) [G832ME010401322HR](#) [G832MG110802122HR](#)  
[G832ME110203022HR](#) [G832ME130204222HR](#) [G832MG131202322HR](#) [G832ME110203322HR](#)  
[G832MG130642322HR](#) [G832ME010401022HR](#) [G832ME031201222HR](#) [G832MG130205122HR](#)  
[G832ME110204022HR](#) [G832MG110404122HR](#) [G832MC010646122HR](#) [G832MG130802322HR](#)  
[G832MG130803022HR](#) [G832ME110204322HR](#) [G832MG110405222HR](#) [G832MG130642022HR](#)  
[G832MG110205122HR](#) [G832MG110405122HR](#) [G832MG130402022HR](#) [G832MG110203122HR](#)  
[G832MG130602022HR](#) [G832ME010601122HR](#) [G832MG130403122HR](#) [G832MG110605122HR](#)  
[G832MG110645222HR](#) [G832MG110404322HR](#) [G832MG010801122HR](#) [G832MC030206022HR](#)  
[G832MG010201022HR](#) [G832MG110602122HR](#) [G832MG110204222HR](#) [G832MG010641122HR](#)  
[G832MG111204122HR](#) [G832ME130205022HR](#) [G832MG010641222HR](#) [G832MG130402222HR](#)  
[G832ME130203322HR](#) [G832MG110203222HR](#) [G832ME110205022HR](#) [G832MG030201322HR](#)  
[G832MC030206222HR](#) [G832ME011201022HR](#) [G832MG130805322HR](#) [G832MG030641022HR](#)  
[G832ME030201222HR](#) [G832MG110603322HR](#) [G832MG110803022HR](#) [G832MG130645222HR](#)