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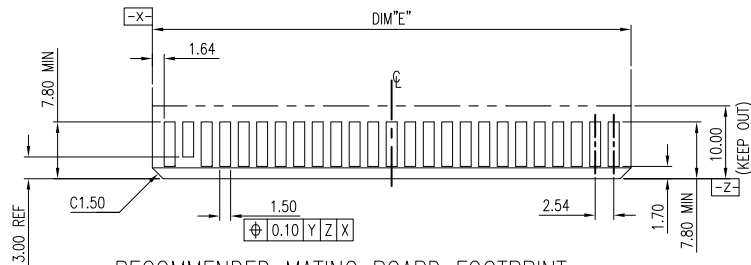
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



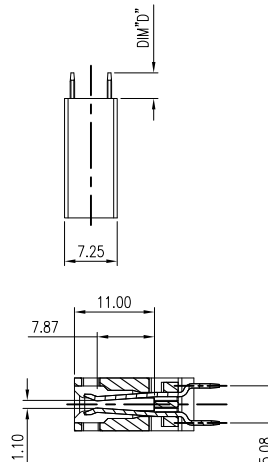
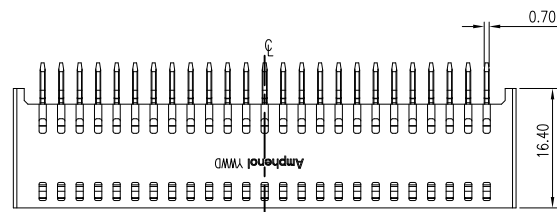
ORIGINAL



REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE BY
A	NE-17082	RELEASE TO PRODUCTION	04/24/2017 Chenny Yeh
B	NE-17145	ADD TERMINAL WIDTH FOR CUSTOMER REQUEST	06/16/2017 Chenny Yeh



RECOMMENDED MATING BOARD FOOTPRINT  
TOLERANCES, ±0.05



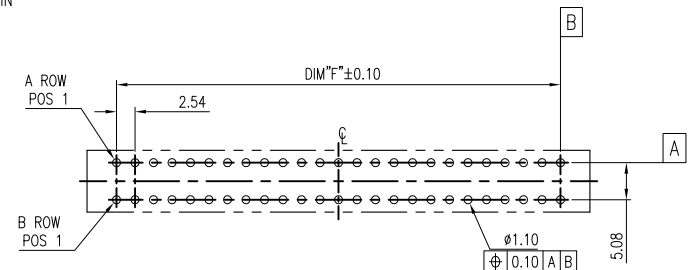
SECTION A-A

GPCP 2 X X X 0 0 1 1 X HR

CONTACT FINISH:  
3: 15u" GOLD  
4: 30u" GOLD

TAIL LENGTH:  
1: TAIL LENGTH 3.50  
2: TAIL LENGTH 5.00

POWER PIN Q'TY:  
46: 46 PIN  
50: 50 PIN  
54: 54 PIN  
64: 64 PIN



RECOMMENDED PCB LAYOUT  
TOLERANCE, ±0.05

GPCP2X6400112HR	86.82	83.82	78.74	5.00	83.52	78.74
GPCP2X6400111HR	86.82	83.82	78.74	3.50	83.52	78.74
GPCP2X5400112HR	74.12	71.12	66.04	5.00	70.82	66.04
GPCP2X5400111HR	74.12	71.12	66.04	3.50	70.82	66.04
GPCP2X5000112HR	69.04	66.04	60.96	5.00	65.74	60.96
GPCP2X5000111HR	69.04	66.04	60.96	3.50	65.74	60.96
GPCP2X4600112HR	63.96	60.96	55.88	5.00	60.66	55.88
GPCP2X4600111HR	63.96	60.96	55.88	3.50	60.66	55.88
PART NUMBER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"

NOTES:

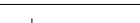

1. MATERIAL:

HOUSING: HIGH TEMPERATURE THERMO PLASTIC UL94V-0 COLOR BLACK  
TERMINAL: HIGH PERFORMANCE COPPER ALLOY

2. FINISH:

TERMINAL:  
CONTACT AREA: SELECTIVE GOLD PLATING.  
SOLDERING AREA: MATT TIN PLATING. 100 μ" THK MIN.  
UNDER PLATING: NICKEL PLATING. 50 μ" THK MIN.

3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

TOLERANCE		DRAWN APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED	Chenny Yeh	06/16/2017	PCI/E POWER CONNECTOR RECEPTACLE, DIP TYPE					
		CHECKED	Sondra Sang	06/16/2017						
		APPROVED	Hank Hsu	06/16/2017						
ANGULAR ±2°						UNIT mm	SIZE A3	PART No. GPCP2XXX0011XHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE T581			SCALE NA	SHEET 1 OF 1	DWG No. GPCP2XXX0011XHR	REV. B	

# Mouser Electronics

Authorized Distributor

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[GPCP245000111HR](#)