







2016 AFC

NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED TERMINAL: COPPER ALLOY

CONNECTOR

POS

REF.

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SOLDER TAIL: TIN OR TIN /LEAD(90/10)— SEE PRODUCT NUMBER CODE 1000" MIN. OVER 500" NICKEL. METAL BOARD LOCKS: COPPER ALLOY. FINISH: 1000" TIN OR TIN/LEAD(90/10) OVER 500" NICKEL UNDERPLATE SEE PRODUCT NUMBER CODE. PLATING: 50" NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE

2.PRODUCT SPECIFICATION: GS-12-233.

6 ∞ 4 PORT PORT

PORT

164 98 64 36

70

71.65 38.65

89.00

73.15

70.00

37 20

56.00 39.00 25.00

37.00 20.00

21.65

23.15 40.15

9.15

6.00

PORT

THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY

A LINE THROUGH THE CENTER OF THE TWO $\emptyset 2.35$ HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z.

(4)NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F". (5)CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
(6)FREQUENCY & LOCATION AT SUPPLIER DISCRETION. RIDGE MAY BE CONTINUOUS WITH NO BREAKS. .RoHS COMPATIBLE PRODUCT SPECIFICATIONS:

Ω PLATING: "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um

MINIMUM NICKEL UNDERPLATE.

MANUFACTURING PROCESS COMPATIBILITY:

THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C TEMPERATURE FOR

10 SECONDS IN RE-FLOW APPLICATION, SEE NOTE 8 FOR APPLICATION. PRODUCT NUMBER CODE

HOUSING COLOR OPTIONS 0108777

PEGS OPTIONS

0-NATURAL

1-BLACK

0-PLASTIC PEGS, DIM 1-METAL BOARD LOCKS 2-SINGLE PLASTIC PEGS

TERMINAL PLATING OPTIONS

LEAD FREE OPTION

"LF" FOR TERMINAL PLATING OPTION 0,1,2 LEAVE BLANK FOR TERMINAL PLATING 3.4.5

POS OPTIONS 1-64 2-98 3-164

LENGTH OPTIONS

		GOLD FLASH CONTACT AREA 100u" TIN/LEAD TAIL AREA INCOMPLIANT ROHS	
4 3.10	4	15u" AU CONTACT AREA 100" TN/I FAD TAIL AREA INCOMPLIANT ROHS	
1.90:	3	100u TIN/LEAD TAIL AREAINCOMPLIANT ROHS 4-50." NI INNPERPLATE	
2.54:	2	оп >	
3.10	_	GOLU FLASH CONTACT AREA 100u" TIN TAIL AREA COMPATIBLE ROHS	
		2-50u" Ni UNDERPLATE	
0 2.30	0	100u" TIN TAIL AREA COMPATIBLE ROHS	
DIM		UNDERPLATE CONTACT AREA	
		100:" TIN TAIL AREA	
TAIL LENG	TAIL	0-50" NI UNDERPLATE	
		TEXMINAL PLATING OF HONO	

±0.25 ± 0.25 +0.25 -0.13 +0.25 -0.13 Ů, 2.0 ± 0.10 1.56 ± 0.10 1.56 ± 0.10 2.36 ± 0.10 PCB THICKNESS 1.56 ± 0.10 1.70±0.15 DIM "G" 2.50 ± 0.15 1.70 ± 0.15 1.70 ± 0.15 1.70 ± 0.15

8.AN ADEQUATE PROCEDURE SET FORTH IN THE FOLLOWING ENSURE THAT THE PRODUCT RELIABILITY CAN BE ACHIEVED DURING AND AFTER PCB ASSEMBLY OPERATION.

8.11F PARTIAL LOT ARE USED, THE REMAINING CONNECTORS MUST BE RESEALED AND PLACED IN SAFE STORAGE WITHIN SIX HOURS OF BAG OPENING

8.2THE SAFE STORAGE CONDITION IS RECOMMENDED AT 25°C, 40%RH.

8.4IF BAKING IS REQUIRED, CONNECTOR SHALL BE BAKED FOR 4 HOURS AT 125°C. 8.3NOT FOLLOWING THE PROCEDURE MAY CAUSE BLISTER DAMAGE DURING RE-FLOW PROCESS 8.5REFERENCE SPECIFICATION: IPC/JEDEC J-STD-033A.

PACKAGING OPTIONS

C-SOFT TRAY PACKAGING WITH 10MM CAP E-HARD TRAY WITH MYLAR FOR VACUUM PACKAGING (FOR T-SOFT TRAY PACKAGING 164P ONLY)

M-SOFT TRAY PACKAGING & MYLAR TAPE. SEE FIGULE 1 Y-HARD TRAY PACKAGING (FOR 36P,98P AND 164P ONLY)

Z-HARD TRAY PACKAGING WITH MYLAR (FOR 36P,98P AND 164P ONLY)

<u>/H</u>\Q−SMALLER HARD TRAY PACKAGING (323X136X17.7 FOR 164P ONLY) H-SMALLER HARD TRAY PACKAGING WITH 30MM CAP (323X136X17.7 FOR 164P ONLY)

R-TAPE & REEL PACKAGING WITHOUT MYLAR
(FOR 34, 64, 98P ONLY)
W-TAPE & REEL PACKAGING WITHOUT MYLAR
(FOR 98P ONLY), WITH 18.0MM CAVITY WIDTH
A-TAPE & REEL PACKAGING WITH MYLAR
(FOR 36, 64, 98P ONLY)

				I	sheet revision H	sheet
type CUSTOMER Drawing		PM_ZHENG 2016-03-30	арра Рм			
10100/// H4	Ö	STONE_LI 2016-03-30	chr st			
	Amphenol	engr ZHENHUA_LIU 2016-03-30	engr ZHE			
dwg no sheet 6 of 7 size		ZHENHUA_LIU 2016-03-30	dr ZHE			
IH_ASS i	scale N/A	.000±.0.10	±2"			
- 0.1 C C C C C C C C C	١,	.00±.0.20	ullules			
DOI EXPRESS CARD EDGE GEN3	<u> </u>	.0±.0.30	ar			
title	<u> </u>	tolerances unless otherwise specified	tolerances u	date	ltr ecn no dr date	ltr ec
PCI_EXPRESS	1	✓ ASME_Y14.5	1		1	
product family	projection	/ tolerance	surface		code	mat'l. code

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sheet

