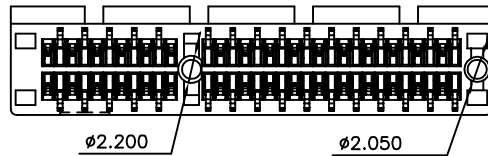
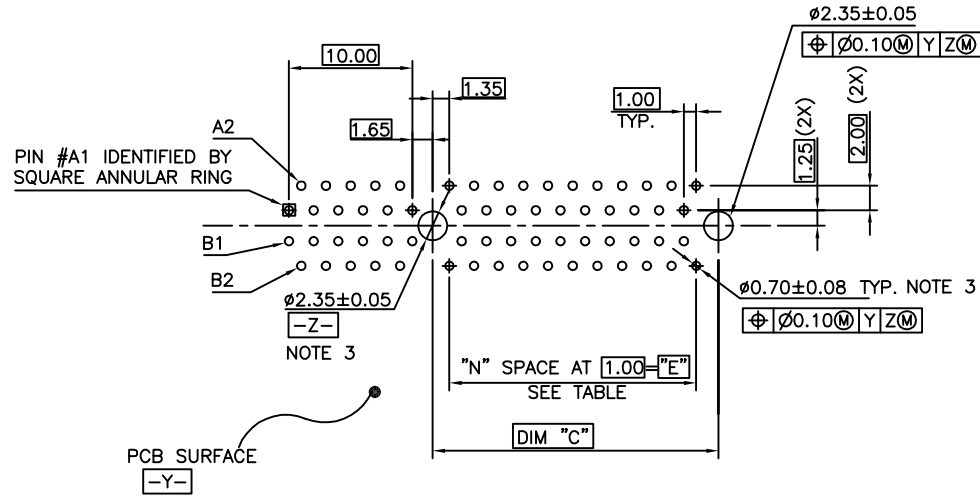


TWIN PLASTIC PEG TYPE



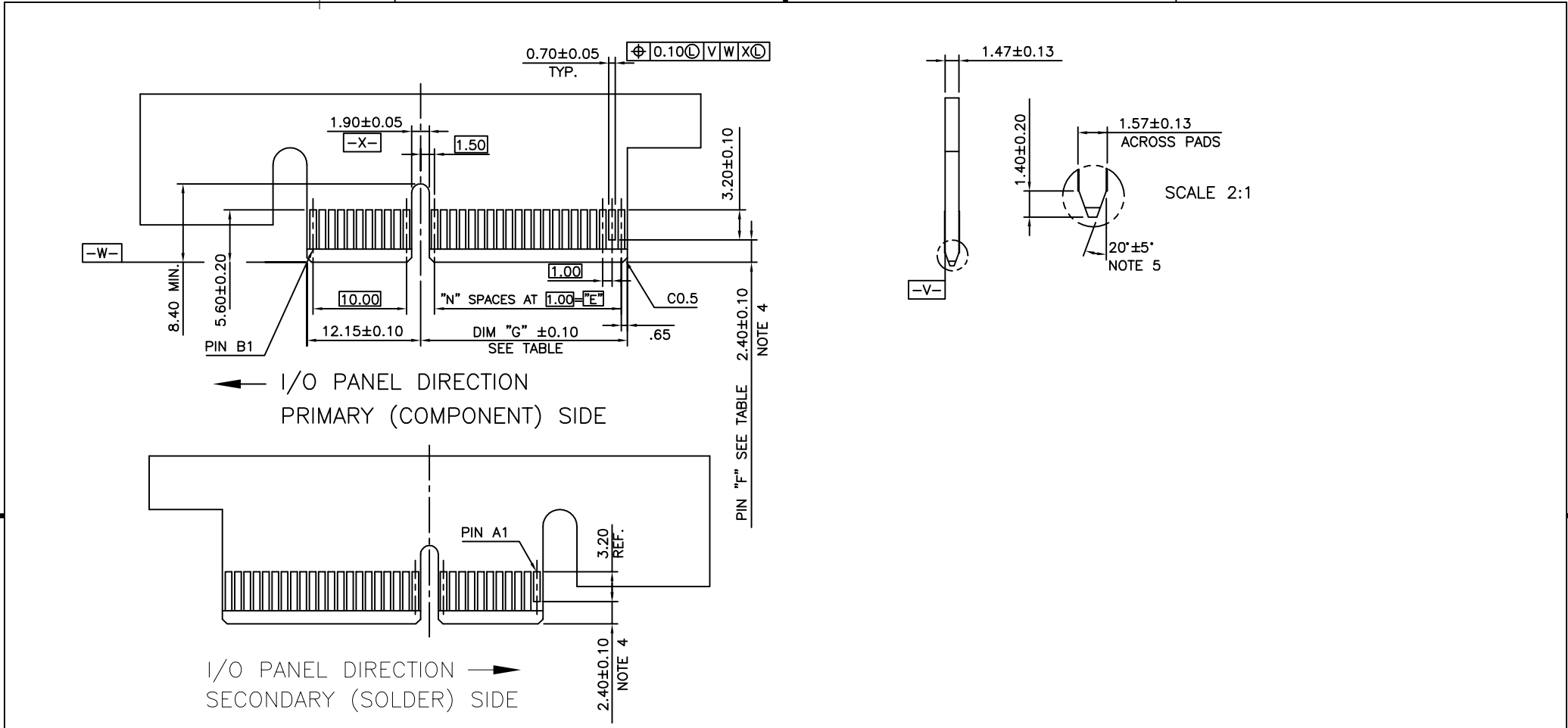
mat'l. code		surface 58 ASME_Y14.5V		tolerance ASME_Y14.5		projection MM		product family PCI_EXPRESS	
ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3 ONE_OPEN-END_STB_ASS'Y	
								dwg no 10137945	
								sheet 1 of 4 size A4	
								type CUSTOMER Drawing	
sheet index		revision sheet		B					



← I/O PANEL DIRECTION

RECOMMENDED FOOTPRINT

mat'l. code		surface 58 ASME_Y14.5V		tolerance ASME_Y14.5		projection 		product family PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
				angles	.X±.25	MM		PCI_EXPRESS_CARD_EDGE_GEN3	
				0°±2'	.XXX±.05	scale N/A		ONE_OPEN-END_STB_ASS'Y	
		dr	WINSTON_ZHU	2021-07-06			dwg no		sheet 2 of 4
		enr	ZHENHUA_LIU	2021-07-06			10137945		A4
		chr	MARS-LONG	2021-07-06			type		CUSTOMER Drawing
		app	HEAVEN_CEN	2021-07-06					
sheet index	revision sheet								



ADD-IN CARD EDGE-FINGER DIMENSIONS

#	POS REF.	N	DIM "G"	"F"
36		6	8.15	B17
64		20	22.15	B31
98		37	39.15	B48
164		70	72.15	B81

mat'l. code		surface 58 / tolerance ASME_Y14.5V / ASME_Y14.5		projection		product family PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		title	
				angles	.X±.25	PCI_EXPRESS_CARD_EDGE_GEN3 ONE_OPEN-END_STB_ASS'Y	
				0°±2'	.XX±.13	MM	
					.XXX±.05	scale N/A	
		dr	WINSTON_ZHU 2021-07-06			dwg no sheet 3 of 4 size	
		enr	ZHENHUA_LIU 2021-07-06			10137945 A4	
		chr	MARS_LONG 2021-07-06			type CUSTOMER Drawing	
sheet index	revision sheet	B					

NOTES:

1. MATERIAL:
 - HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED.
 - TERMINAL: COPPER ALLOY.
 - PLATING: SEE PRODUCT NUMBER CODE
 - METAL BOARD LOCKS: COPPER ALLOY.
 - FINISH: TIN OVER NICKEL
2. PRODUCT SPECIFICATION: GS-12-233.
 PACKAGING SPECIFICATION: GS-14-858 FOR SOFT TRAY, GS-14-1451 FOR HARD TRAY
- ③ THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY
 A LINE THROUGH THE CENTER OF THE TWO $\phi 2.35$ 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.
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS:
 - a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um
 MINIMUM NICKEL UNDERPLATE.
 - b - MANUFACTURING PROCESS COMPATIBILITY:
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C TEMPERATURE FOR
 10 SECONDS IN RE-FLOW APPLICATION, REFER TO GS-14-858 FOR OPERATING.

CONNECTOR	# POS REF.	N	DIM "B"	DIM "C"	"E"
1 PORT	36	6	25.00	9.15	6.00
4 PORT	64	20	39.00	23.15	20.00
8 PORT	98	37	56.00	40.15	37.00
16 PORT	164	70	89.00	73.15	70.00

PRODUCT NUMBER CODE

10137945 -x x x x x

HOUSING COLOR OPTIONS
 0-NATURAL
 1-BLACK

PEGS OPTIONS
 0-PLASTIC PEGS

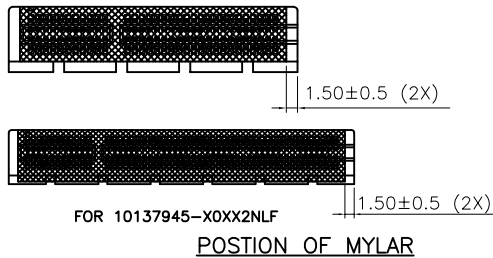
TERMINAL PLATING OPTIONS
 0-50u" Ni UNDERPLATE
 30u" Au CONTACT AREA
 100u" TIN TAIL AREA ----- COMPATIBLE RoHS
 1-50u" Ni UNDERPLATE
 15u" Au CONTACT AREA
 100u" TIN TAIL AREA ----- COMPATIBLE RoHS
 2-50u" Ni UNDERPLATE
 GOLD FLASH CONTACT AREA
 100u" TIN TAIL AREA ----- COMPATIBLE RoHS

LEAD FREE OPTION
 LEAVE BLANK FOR TERMINAL PLATING 3,4,5
 "LF" FOR TERMINAL PLATING OPTION 0,1,2

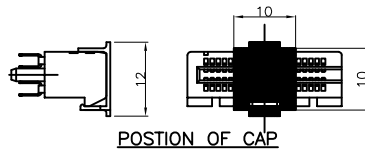
PACKAGING OPTIONS
 T-SOFT TRAY PACKAGING
 M-SOFT TRAY PACKAGING & MYLAR TAPE.
 Y-HARD TRAY PACKAGING (FOR 164P ONLY)
 Z-HARD TRAY PACKAGING WITH MYLAR (FOR 164P ONLY)
 R-TAPE & REEL PACKAGING (FOR 36, 64, 98P)
 A-TAPE & REEL PACKAGING WITH MYLAR (FOR 36, 64, 98P)
 P-TAPE & REEL PACKAGING WITH CAP (FOR 36, 64, 98P)
 N-TAPE & REEL PACKAGING WITH 8.40MM WIDTH MYLAR (FOR 98P ONLY)

POS OPTIONS
 0-36
 1-64
 2-98
 3-164

TAIL LENGTH OPTIONS



	DIM "D"	PCB THICKNESS
0	2.30 ± 0.25 -0.13	1.56±0.10
1	3.10 ± 0.25 -0.13	2.36±0.10
2	2.54±0.25	1.56±0.10
3	1.90±0.25	1.56±0.10
7	1.50±0.25	X.XX±0.10



mat'l. code		surface 58 ASME_Y14.5V	tolerance ASME_Y14.5	projection 	product family PCI_EXPRESS
ltr	ecn no	dr	date	title PCI_EXPRESS_CARD_EDGE_GEN3 ONE_OPEN-END_STB_ASS'Y	
tolerances unless otherwise specified				MM	dwg no 10137945
angles				scale N/A	sheet 4 of 4 size A4
0°±2'				type CUSTOMER Drawing	
dr		WINSTON_ZHU	2021-07-06	FCI	
engr		ZHENHUA_LIU	2021-07-06		
chr		MARS_LONG	2021-07-06		
appd		HEAVEN_CEN	2021-07-06		
sheet index	revision sheet	B			