



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PART NUMBER CODING

G E DHRQ-T941

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
E	2536	UPDATE PROCESSING FOR "N" MTL	3/30/2012	JH
F	2740	REMOVE 'NYLON 46' MATERIAL OPTION	04/24/2013	LH

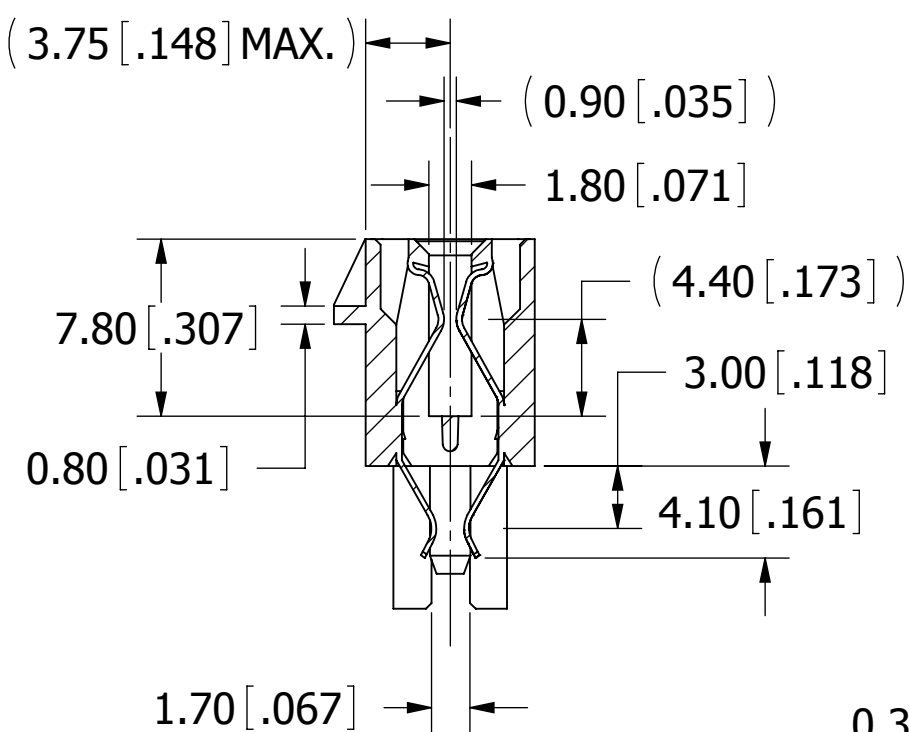
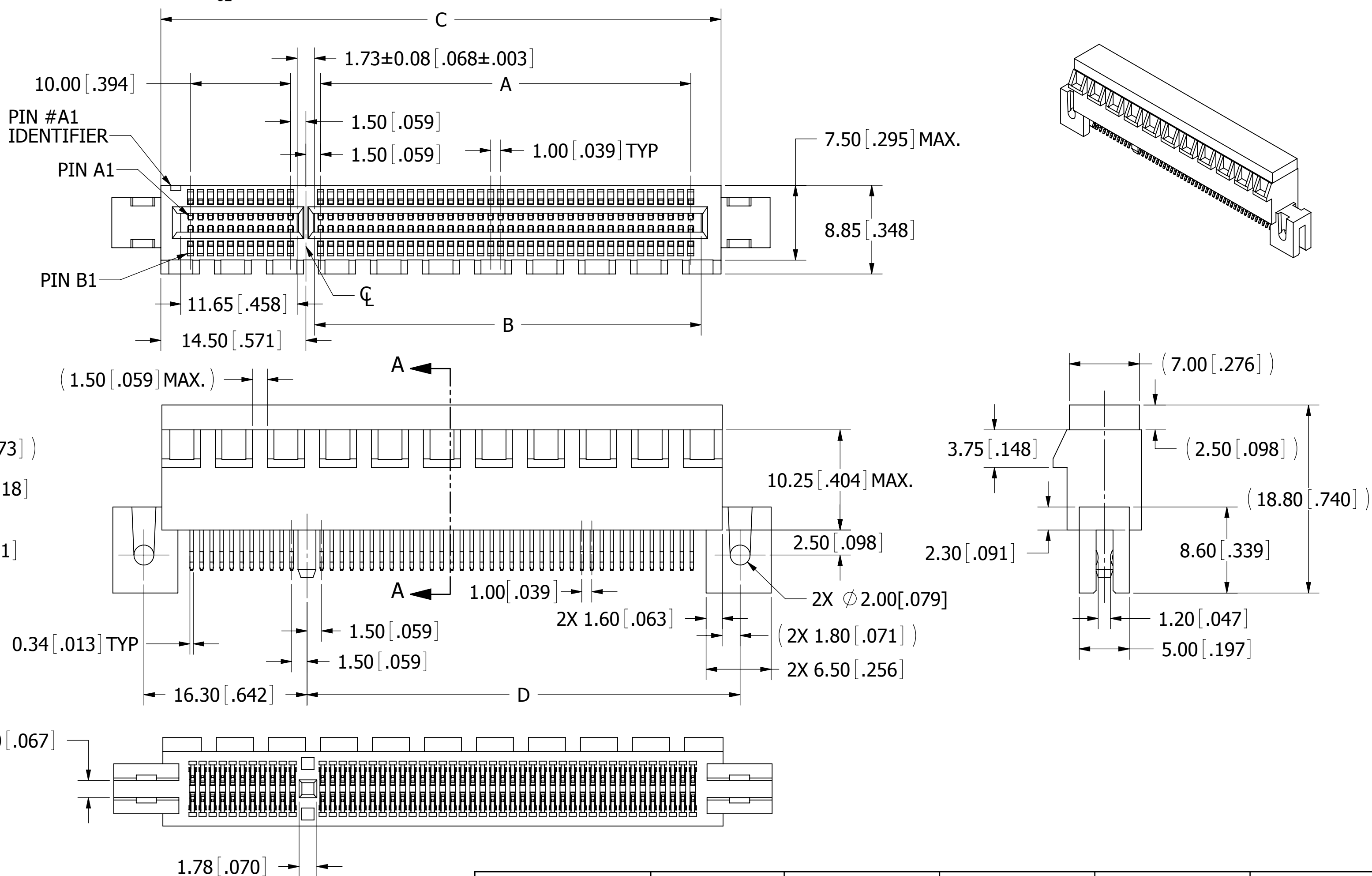
PLATING

(ALL PLATINGS ARE LEAD FREE AND HAVE .000050" MIN NICKEL UNDERPLATE)

CONTACT SURFACE	TERMINATION
W = GOLD FLASH	.000100" PURE TIN, MATTE
B = .000010" GOLD	.000100" PURE TIN, MATTE

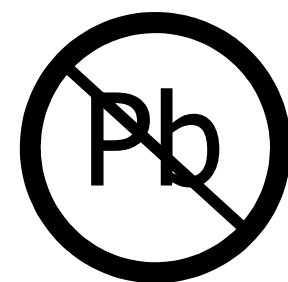
POSITIONS

18
32
49
82



- NOTES:
- INSULATOR MATERIAL: NYLON 9T, UL 94V-0, COLOR: BLACK.
 - CONTACT MATERIAL: PHOSPHOR BRONZE.
 - CONTACT PLATING: SEE PART NUMBER CODING.
 - CURRENT RATING: 1.1 AMPS PER CONTACT.
 - VOLTAGE RATING: 50 VAC/DC.
 - INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING: 500 VAC.
 - OPERATING TEMP.: -10°C TO + 85°C.
 - PROCESSING TEMP.: 260°C FOR 10 SEC. MAX.
 - BOARD THICKNESS ACCOMMODATED: 1.57mm ± 0.13 [.062 ± .005]
 - INSERTION FORCE: 117.3g (1.173 N) MAX PER CONTACT PAIR USING A 1.70mm (.067") STEEL CARD.
 - WITHDRAWAL FORCE: 15.31g (0.153 N) MIN PER CONTACT PAIR USING A 1.44mm (.057") STEEL CARD.
 - CAP NEEDS TO BE ON DURING IR REFLOW PROCESS TO PREVENT WARPAGE.

PART NUMBER	POSITIONS/ CONTACTS	A		B		C		D	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
G E18DHRQ-T941	18/36	6.00	0.236	7.65	0.301	25.00	0.984	12.30	0.484
G E32DHRQ-T941	32/64	20.00	0.787	21.65	0.852	39.00	1.535	26.30	1.035
G E49DHRQ-T941	49/98	37.00	1.457	38.65	1.522	56.00	2.205	43.30	1.705
G E82DHRQ-T941	82/164	70.00	2.756	71.65	2.821	89.00	3.504	76.30	3.004

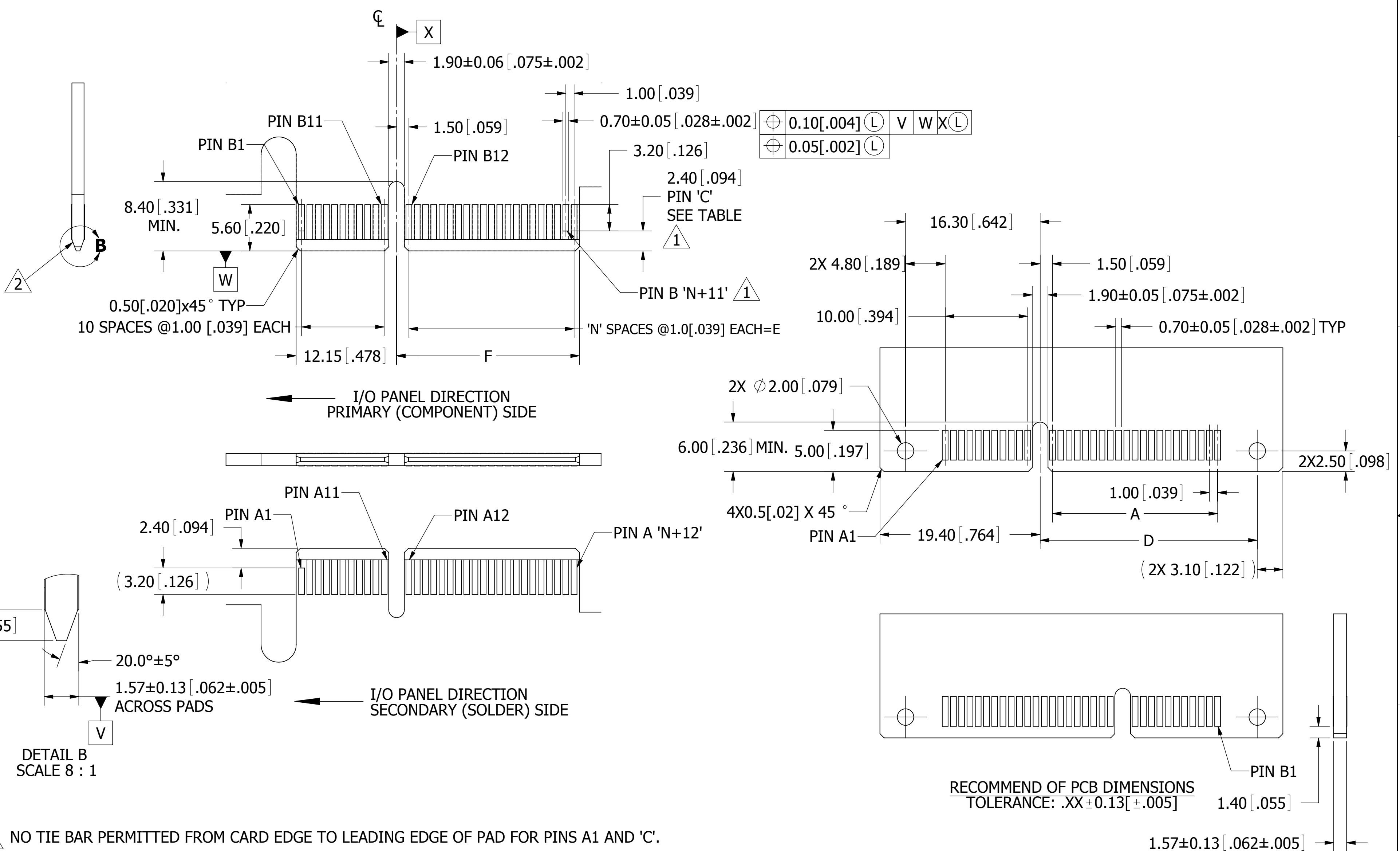


RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM[INCHES]

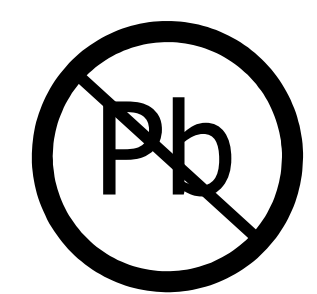
TOLERANCES:
ANGULAR: ± 3°
X=± .35 [.014]
XX=± .25 [.010]
XXX=± .080 [.0031]

DRAWN	DATE	NAME
	07/07/09	JH
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.		
TITLE PCI E, 1.00mm [.039"] CC, STRADDLE, CLIPS		
PART NUMBER G E _ DHRQ-T941		
SIZE C	CAGE CODE 54453	DWG. NO. 11042
SCALE: 2:1	SHEET 1 OF 2	



- 1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND 'C'.
- 2. CHAMFER EDGE MUST BE FREE OF CUTTING BURRS.

POSITIONS/ CONTACT	DAUGHTER CARD LAYOUT					
	SPACES 'N'	E		F		PIN 'C'
		MM	[INCH]	MM	[INCH]	
18/36	6	6.00	0.236	8.15	0.321	B17
32/64	20	20.00	0.787	22.15	0.872	B31
49/98	37	37.00	1.457	39.15	1.541	B48
82/164	70	70.00	2.756	72.15	2.841	B81



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]	DRAWN	DATE	NAME	
		07/07/09	JH	
TOLERANCES: ANGULAR: ± 3° .X = ± .35 [.014] .XX = ± .25 [.010] .XXX = ± .080 [.0031]	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE PCI E, 1.00mm [.039"] CC, STRADDLE, CLIPS
	PART NUMBER G_E_DHRQ-T941			SIZE C
SCALE: 2:1		DWG. NO. 11042		REV F
				SHEET 2 OF 2