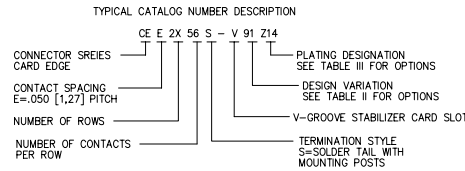


BURNDY CATALOG NO.	CONTACTS PER ROW	TOTAL NO CONTACTS	NO. OF CONTACT PAIRS		D	E	G±.008 [0,20]	L
			BAY A	BAY B				
CEE2X56S-V91Z	56	112	11	45	.590 [14,99]	2.290 [58,17]	3.140 [79,77]	2.350 [59,69]



NOTES: UNLESS OTHERWISE SPECIFIED;

1 INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M - 1982.

2 SEE SHEET 2 FOR RECOMMENDED MATING DAUGHTERBOARD CARD EDGE LAYOUTS AND MOTHERBOARD HOLE PATTERN.

3 MATING DAUGHTERBOARD MATERIAL:
PC BOARD: FR-4 WITH 1 OZ. [28.35 GRAMS] MINIMUM COPPER PADS. (SEE SH 3)
PAD PLATING: 30 MICRONS [0,76 MICRONS] MINIMUM GOLD PER MIL-G-45204, TYPE 1, CLASS 1, GRADE C OVER 100 MICRONS [2,54 MICRONS] MINIMUM NICKEL PER QQ-N-290.

+ .002 +0.05
- .001 -0.03

V-GROOVE CARD EDGE STABILIZERS.

MATERIALS:

BODY: GLASS FILLED THERMOPLASTIC, RATED UL94V-0, COLOR NATURAL.

CONTACTS: COPPER ALLOY.

PLATING: SEE TABLE III.

RETENTION CLIPS: STEEL ALLOY, (SEE SHEET 2).

PERFORMANCE CHARACTERISTICS:

CONTACT RESISTANCE: LOW SIGNAL LEVEL PER MIL-STD 1344, METHOD 3002.1, 30 MILLIOHMS MAXIMUM INITIAL, 10 MILLIOHMS MAXIMUM INCREASE THROUGH TESTING.

CAPACITANCE: 2 PICOFARADS MAXIMUM AT 1 MEGAHERTZ BETWEEN ADJACENT CONTACTS.

CURRENT RATING: 1 AMPERE PER CONTACT, 86°F [30°C] RISE ABOVE AMBIENT.

CONTACT NOMINAL FORCE: 2.64 OZ-FORCE [0,73 N] MINIMUM.

MATING FORCE: MIL-STD 1344, METHOD 2013.1, 6 OZ-FORCE [1,67 NEWTONS] MAXIMUM AVERAGE PER OPPOSING PAIR USING GAUGE PER MIL-G-21097, EXCEPT .062 IN [1,57 mm] THICK WITH 20° LEAD-IN CHAMFER ANGLE.

DURABILITY: 100 MATING CYCLES WITHOUT PHYSICAL DAMAGE OR EXCEEDING LOW LEVEL CONTACT RESISTANCE REQUIREMENT WHEN MATED WITH RECOMMENDED CARD EDGE.

INSULATION RESISTANCE: MIL-STD 202, METHOD 302, CONDITION B, 1000 MEGAOHMS MINIMUM.

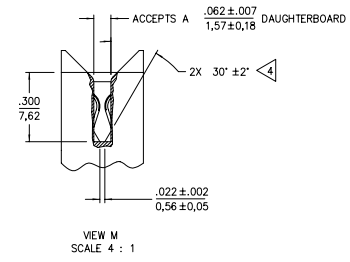
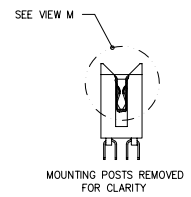
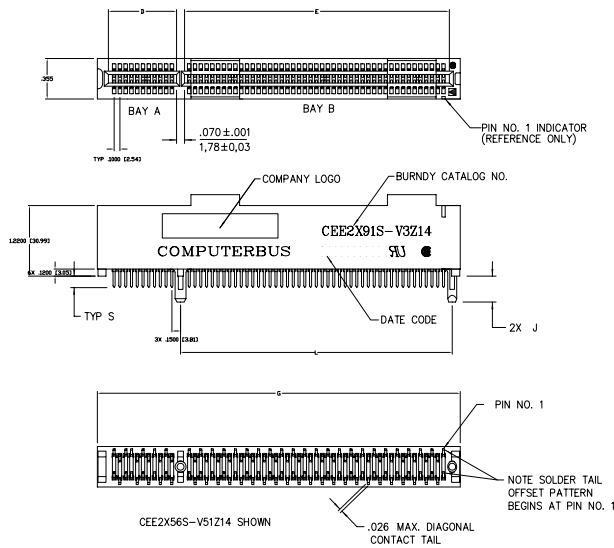
THERMAL SHOCK: MIL-STD 1344, METHOD 1003.1, -67°F TO 185°F [-55°C TO 85°C] FOR 5 CYCLES.

OPERATING TEMPERATURE: -40°F TO 221°F [-40°C TO 105°C].

COMPATIBLE WITH VAPOR PHASE SOLDERING TECHNIQUES.

RECOGNIZED UNDER COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC.
FILE NO E31151

CERTIFIED BY CANADIAN STANDARDS ASSOCIATION,
FILE NO. LR69504



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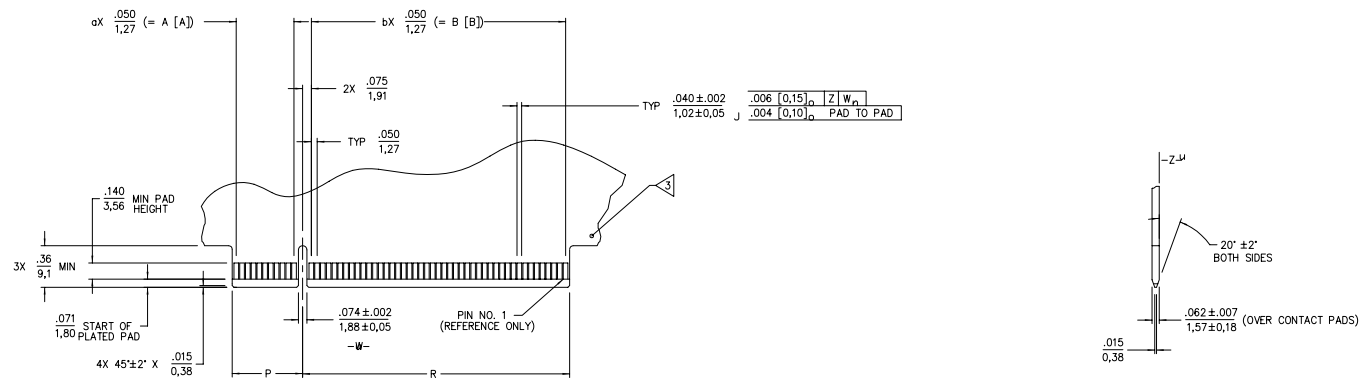
DESIGN VARIATION	S ±.010 [0,25] (SOLDER TAIL LENGTH)	J ±.010 [0,25] (MOUNTING POST LENGTH)
3	.100 [2,54]	.180 [4,57]
5	.125 [3,18]	.205 [5,21]
6	.167 [4,24]	.247 [6,27]
9	.140 [3,57]	.220 [5,59]

PLATING DESIGNATION	DESCRIPTION
Z14	GOLD FLASH OVER 40 MICRONS [1,02 MICRONS] PALLADIUM-NICKEL OVER 50 MICRONS [1,27 MICRONS] MIN. NICKEL UNDERPLATE IN CRITICAL CONTACT AREA AND 100 MICRONS [2,54 MICRONS] SOLDER OVER NICKEL UNDERPLATE ON SOLDER TAILS.
Z22	30 MICRONS [0,76 MICRONS] MIN. GOLD OVER 50 MICRONS [1,27 MICRONS] MIN. NICKEL UNDERPLATE IN CRITICAL CONTACT AREA AND 100 MICRONS [2,54 MICRONS] SOLDER OVER NICKEL UNDERPLATE ON SOLDER TAILS.
Z51	GOLD FLASH OVER 15 MICRONS [0,38 MICRONS] PALLADIUM-NICKEL OVER 50 MICRONS [1,27 MICRONS] MIN. NICKEL UNDERPLATE IN CRITICAL CONTACT AREA AND 100 MICRONS [2,54 MICRONS] SOLDER OVER NICKEL UNDERPLATE ON SOLDER TAILS.

mat'l. code		surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CARDEGE
ltr	ecn no dr	date	tolerances unless otherwise specified	INCH/MM	title
A	V90773	TAB 04/14/99	angles linear		COMPUTERBUS™
B	M06-0234	AGS 06/15/06	0°±1'	scale 2:1	CARD EDGE CONNECTOR .050 PITCH
			dr	TAB	04/01/99
			enrg	CWK	04/01/99
			chr		
			appd		
sheet index	revision sheet	B 1	B 2		

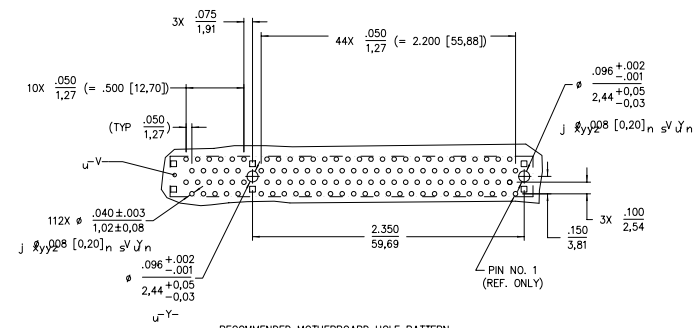


NOTES: SEE SHEET 1.



RECOMMENDED MATING DAUGHTERBOARD CARD EDGE LAYOUT
(TYPICAL FOR BOTH SIDES - CEE2X91S-V___-Z___ SHOWN)

TABLE VI - CARD EDGE DIMENSIONS						
BURNDY CATALOG NO.	a NO. OF SPACES	A	b NO. OF SPACES	B	P	R
CEE2X56S___V_Z___	10	.500 [12,70]	44	2.200 [55,88]	.610 [15,49]	2.310 [58,67]



RECOMMENDED MOTHERBOARD HOLE PATTERN
FOR CEE2X56S-V91Z___ (COMPONENT SIDE)

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FCIconnect.com

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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ⊕		product family CARDEDGE	
ltr		ecn no dr		date		tolerances unless otherwise specified		title	
B						.X±.1 .XX±.02 .XXX±.005		COMPUTERBUS™ CARD EDGE CONNECTOR .050 PITCH	
						linear 0°±1°		INCH/MM scale 2:1	
						dr TAB 04/01/99		dwg no sheet 2 of 2 size	
						enr CWK 04/01/99		S97211 A3	
						chr		type Product Customer Drawing	
						appd			
sheet index		revision sheet							