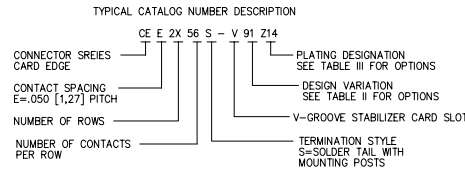


BURNDY CATALOG NO.	CONTACTS PER ROW	TOTAL NO CONTACTS	NO. OF CONTACT PAIRS		D	E	G±.008 [0,20]	L
			BAY A	BAY B				
CEE2X56S-V91Z14	56	112	11	45	.590 [14,99]	2.290 [58,17]	3.140 [79,77]	2.350 [59,69]



NOTES: UNLESS OTHERWISE SPECIFIED;

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

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.

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 MEGOHMS MINIMUM.

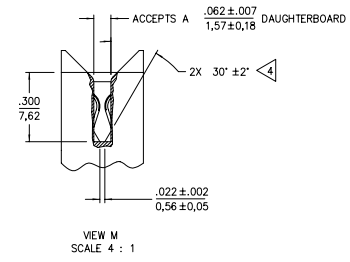
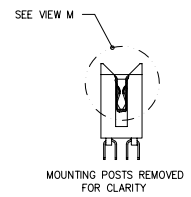
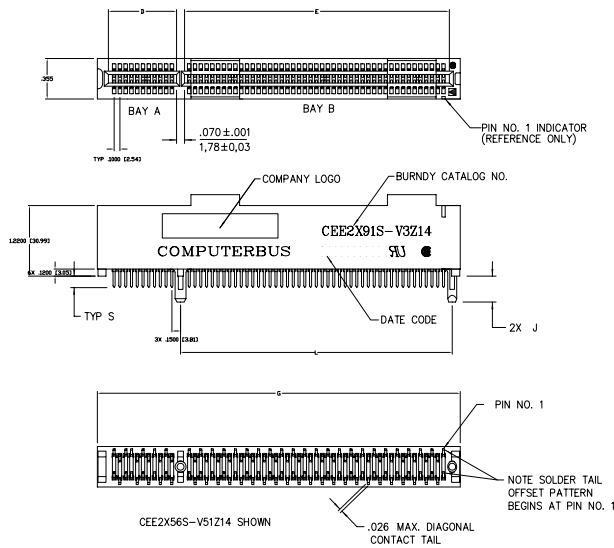
THERMAL SHOCK: MIL-STD 1344, METHOD 1003.1, -67°F TO 185°F [-55°C TO 85°C] FOR 5 CYCLES.

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



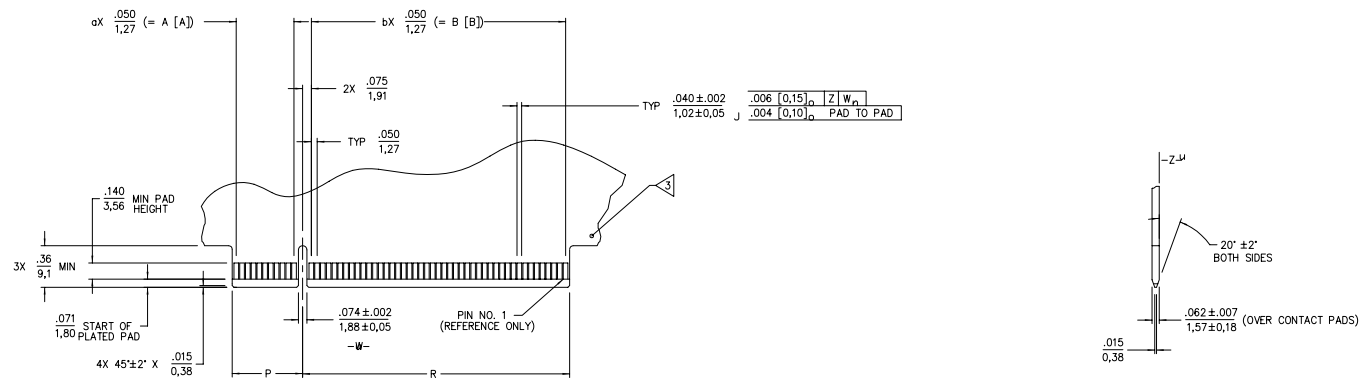
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DESIGN VARIATION	S ±.010 [0,25] (SOLDER TAIL LENGTH)		J ±.010 [0,25] (MOUNTING POST LENGTH)	
3	.100 [2,54]		.180 [4,57]	
5	.125 [3,18]		.205 [5,21]	
6	.167 [4,24]		.247 [6,27]	
9	.140 [3,57]		.220 [5,59]	

PLATING DESIGNATION	DESCRIPTION
214	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.
222	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.
251	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.

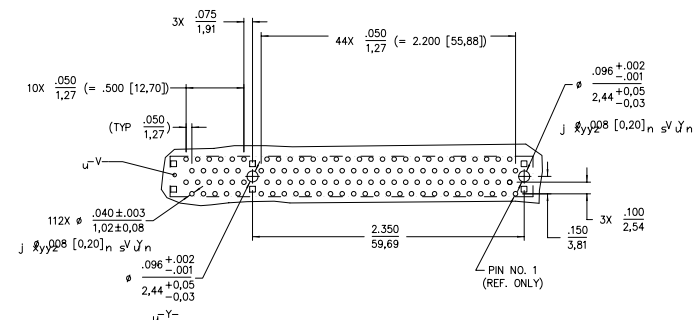
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family CARDEDGE
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
A	V90773	TAB		04/14/99	angles	.X±.1	COMPUTERBUS™
B	M06-0234	AGS		06/15/06	linear	.XX±.02	CARD EDGE CONNECTOR .050 PITCH
						.XXX±.005	scale 2:1
				dr	TAB	04/01/99	dwg no
				enrg	CWK	04/01/99	sheet 1 of 2 size
				chr			S97211
				appd			A3
sheet index	revision	B	B				type Product Customer Drawing
	sheet	1	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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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family CARDEDGE	
ltr		ecn		no		dr		date	
B									
		angles		linear		.X±.1 .XX±.02 .XXX±.005		title COMPUTERBUS™	
		0°±1°				scale 2:1		CARD EDGE CONNECTOR .050 PITCH	
		dr		TAB		04/01/99		dwg no	
		enr		CWK		04/01/99		sheet 2 of 2 size	
		chr						S97211 A3	
		appd						type Product Customer Drawing	
sheet index		revision sheet							