

PRODUCT NO.

94898

PRODUCT NO.	STAND OFF	SOLDER TAIL	DIM "P" (mm)	DIM "Q" (mm)	FOR LOWER DECK OR UPPER DECK	HOLD DOWN	SHEET NO.	MOUNTING STYLE TO PCB
94898-XXXX	DIM "M" (mm)							
000	0	R/A	2.8	—	LOWER	NONE	NO.2	TOP MOUNT 94898-0XXX
000LF	0	R/A	2.8	—	LOWER	NONE		
000MLF	0	R/A	2.8	—	LOWER	NONE		
000H	0	R/A	2.8	—	LOWER	YES		
000HLF	0	R/A	2.8	—	LOWER	YES		
001	0	SMT STAGGERED	—	—	LOWER	NONE		
001LF	0	SMT STAGGERED	—	—	LOWER	NONE		
001H	0	SMT STAGGERED	—	—	LOWER	YES		
001HLF	0	SMT STAGGERED	—	—	LOWER	YES		
002	0	SMT IN LINE	—	—	LOWER	NONE		
002LF	0	SMT IN LINE	—	—	LOWER	NONE	NO.3	BLACK COLOR 
002H	0	SMT IN LINE	—	—	LOWER	YES		
002HLF	0	SMT IN LINE	—	—	LOWER	YES		
010	4	R/A	2.8	—	LOWER	NONE		
010LF	4	R/A	2.8	—	LOWER	NONE		
020	5	R/A	2.8	—	LOWER	NONE		
020LF	5	R/A	2.8	—	LOWER	NONE		
020MLF	5	R/A	2.8	—	LOWER	NONE		
021MLF	5	R/A	2.8	—	LOWER	NONE		
040	2	R/A	2.5	—	LOWER	NONE	NO.4	
040MLF	2	R/A	2.5	—	LOWER	NONE		
040LF	2	R/A	2.5	—	LOWER	NONE		
005	FDR 0	R/A	2.8	8.6	UPPER	NONE		
005LF	FDR 0	R/A	2.8	8.6	UPPER	NONE		
045	FDR 2	R/A	2.5	10.3	UPPER	NONE		
045MLF	FDR 2	R/A	2.5	10.3	UPPER	NONE		
045LF	FDR 2	R/A	2.5	10.3	UPPER	NONE		
500	0	R/A	2.8	—	LOWER	NONE	NO.5	BOTTOM MOUNT 94898-5XXX
500LF	0	R/A	2.8	—	LOWER	NONE		
500H	0	R/A	2.8	—	LOWER	YES		
500HLF	0	R/A	2.8	—	LOWER	YES		
501	0	SMT STAGGERED	—	—	LOWER	NONE		
501LF	0	SMT STAGGERED	—	—	LOWER	NONE		
501H	0	SMT STAGGERED	—	—	LOWER	YES		
501HLF	0	SMT STAGGERED	—	—	LOWER	YES		
502	0	SMT IN LINE	—	—	LOWER	NONE		
502J	0	SMT IN LINE	—	—	LOWER	NONE	NO.6	NATURAL (WHITE) COLOR 
502LF	0	SMT IN LINE	—	—	LOWER	NONE		
502H	0	SMT IN LINE	—	—	LOWER	YES		
502HLF	0	SMT IN LINE	—	—	LOWER	YES		
510	4	R/A	2.8	—	LOWER	NONE		
510LF	4	R/A	2.8	—	LOWER	NONE		
520	5	R/A	2.8	—	LOWER	NONE		
520LF	5	R/A	2.8	—	LOWER	NONE		
530	2	R/A	1.48	—	LOWER	NONE	NO.7	
530LF	2	R/A	1.48	—	LOWER	NONE		
540	2	R/A	2.5	—	LOWER	NONE		
540LF	2	R/A	2.5	—	LOWER	NONE		
505	FDR 0	R/A	2.8	8.6	UPPER	NONE		
505LF	FDR 0	R/A	2.8	8.6	UPPER	NONE		
535	FDR 2	R/A	1.48	9.28	UPPER	NONE		
535LF	FDR 2	R/A	1.48	9.28	UPPER	NONE		
545	FDR 2	R/A	2.5	10.3	UPPER	NONE		
545LF	FDR 2	R/A	2.5	10.3	UPPER	NONE		

NOTES

1. PRODUCT SPEC:110-263

94898-X X X X X

OPTIONAL LEED FREE

NONE : N □

LF : YES

OPTIONAL HOLD DOWN

NONE : N □

H : YES (SEE FIGURE OF -xxxH)

LOW COST VERSION

NONE : N □

M : YES (DETAIL AS COMPONENT)

SOLDER TAIL

0 : R/A (FOR LOWER & SINGLE)

1 : SMT STAGGERED (FOR LOWER ONLY)

2 : SMT IN LINE (FOR LOWER ONLY)

5 : R/A (FOR UPPER ONLY)

STAND OFF

0 : 0mm

1 : 4mm

2 : 5mm

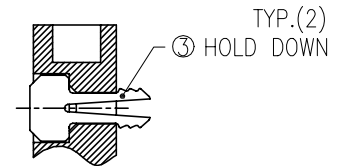
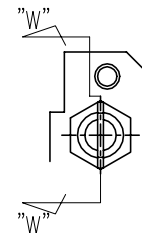
3 : 2mm (SPECIAL TAIL LENGTH)

4 : 2mm

MOUNTING STYLE

0 : TOP MOUNTING

5 : BOTTOM MOUNTING

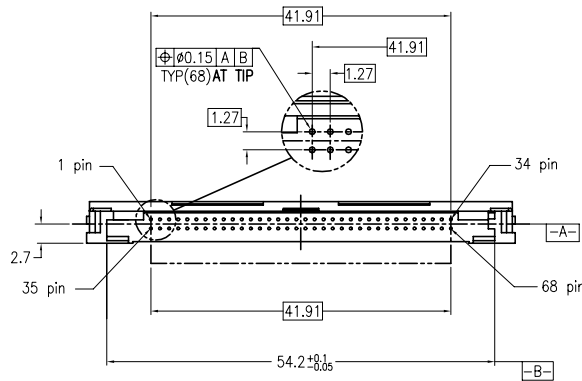
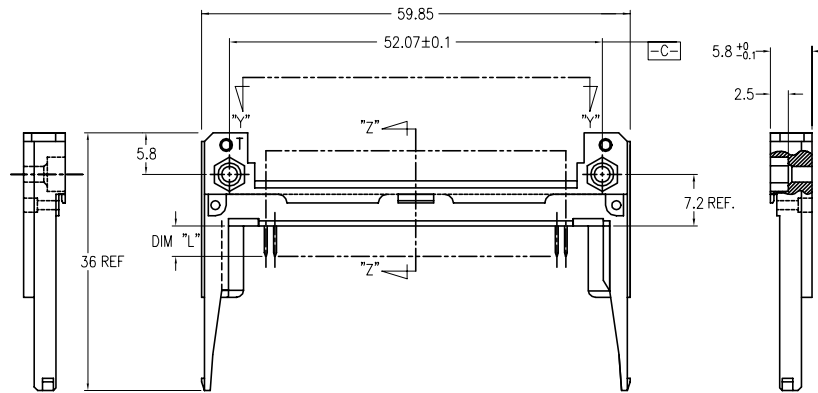


SECTION "W"—"W"

94898-xxxH
(OPTIONAL HOLD DOWN)

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		PCMCIA			
l	tr	ec	n	dr	date	tolerances unless otherwise specified		title		
J	N06-0065	M.Z			04/02/06	angles	linear	0.X±0.3	68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE	
K	N07-0219	M.Z			12/07/07			0.XX±0.13		
L	N08-0041	M.Z			03/10/08	±2°		0.XXX±0.05		
M	N08-0219	M.Z			10/10/08	dr	M.Hasegawa	2/24/05	dwg no 94898 sheet 1 of 7 size A4	
N	N09-0045	SH			05/25/09	engn	M.Hasegawa	2/24/05		
P	ELX-N-007954	ZK			11/01/11	chr				
R	ELX-N-011436	ZK			04/23/12	appd			type CUSTOMER Drawing	
sheet	revision	R	R	R	R	R	R	R		
index	sheet	1	2	3	4	5	6	7		

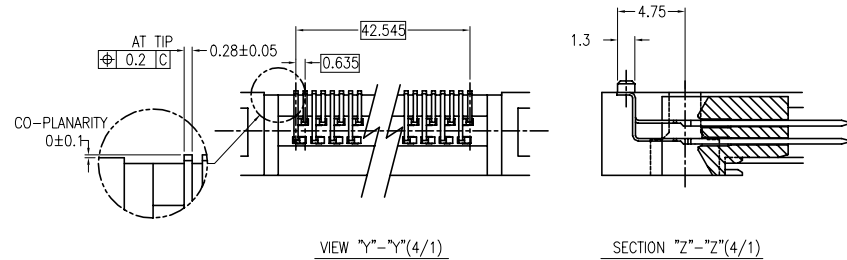
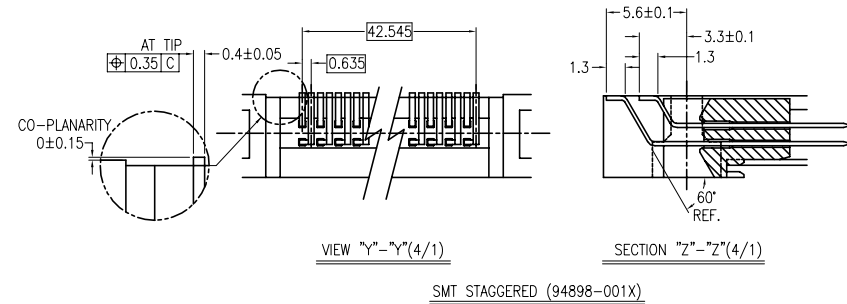
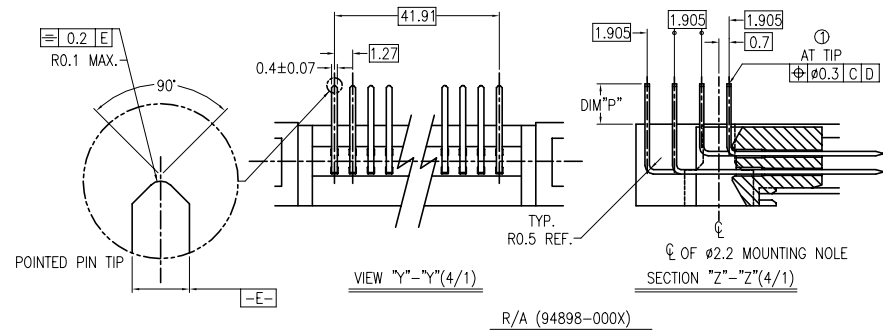
PRODUCT NO.
94898-000
94898-000LF
94898-000H
94898-000HLF
94898-000MLF
94898-001
94898-001LF
94898-001H
94898-001HLF
94898-002
94898-002LF
94898-002H
94898-002HLF



NOTES

- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
 - HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
 - PIN : COPPER ALLOY.
 - HOLD-DOWN : BRASS
- FINISH
 - PIN
 - UNDER PLATING : 0.5µm MIN. Ni.
 - CONTACT AREA : 0.076 µm MIN. GOLD
 - SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
 - HOLD-DOWN : 2.5µm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

PIN No.	DIM "I"		
	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	1.7734	35.5168
- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION



mat'l. code		surface		tolerance		projection		product family	
ISD 1302		ISD 406		ISD 1101		MM		PCMCIA	
ltr ecn nodr date		tolerances unless otherwise specified		title		scale 1:1		68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE	
R		angles	linear	0.X±0.3				dwg no	sheet 2 of 7
		±2"		0.XX±0.13				94898	A4
		dr	M.Hasegawa	2/24/05					
		engr	M.Hasegawa	2/24/05					
		chr							
		appd							
sheet index	revision sheet							type CUSTOMER	Drawing

PRODUCT NO.

94898-010

94898-010LF

94898-020/020M

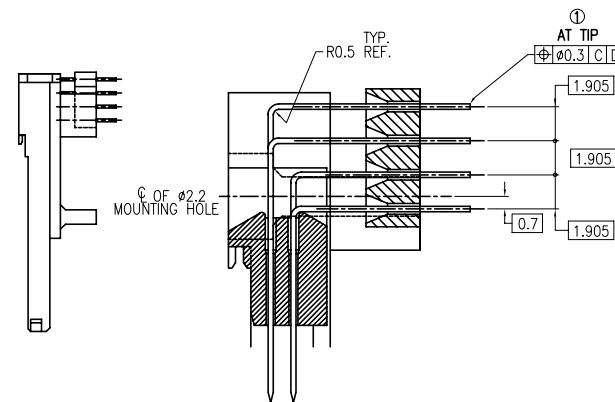
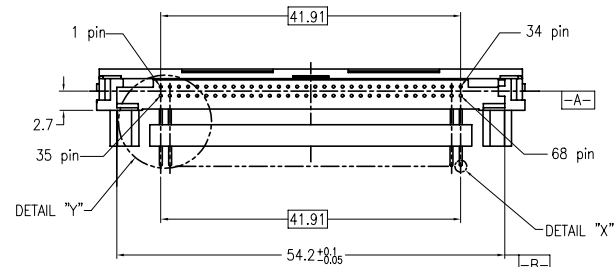
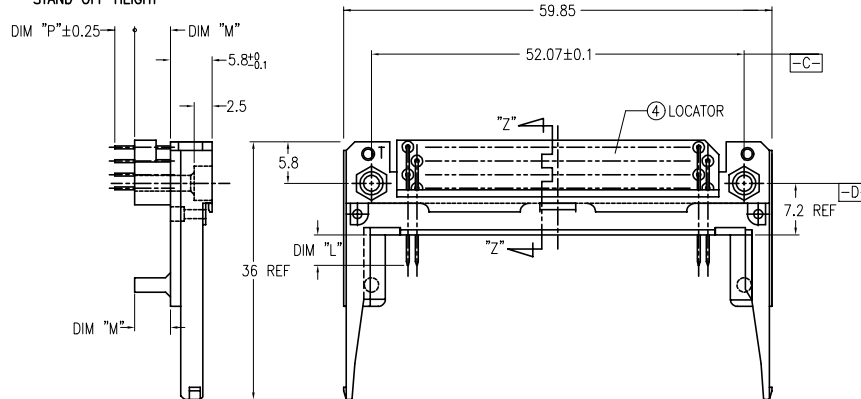
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94898-021MLF

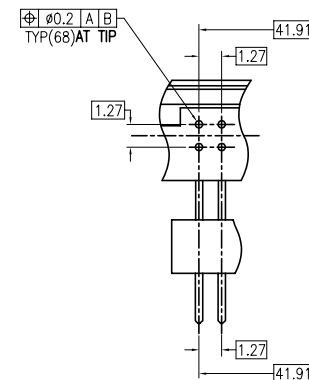
94898-040

94898-040LF/040MLF

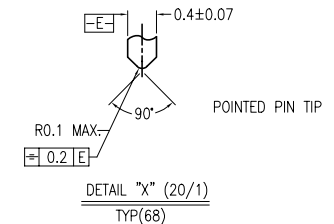
STAND OFF HEIGHT



SECTION "Z"- "Z" (5/1)



DETAIL "Y" (5/1)



DETAIL "X" (20/1)
TYP(68)

- ① TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
2. SEE TA-946 FOR PCB LAYOUT.
- ③ MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- ④ FINISH
PIN
UNDER PLATING : 0.5um MIN. Ni.
CONTACT AREA : 0.076 um MIN. GOLD

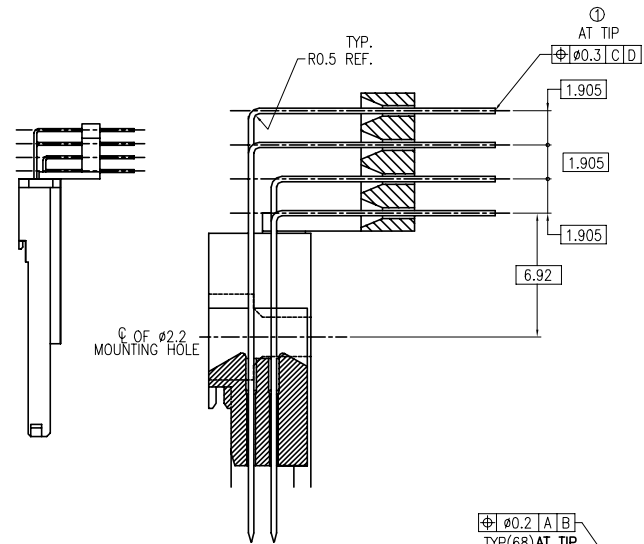
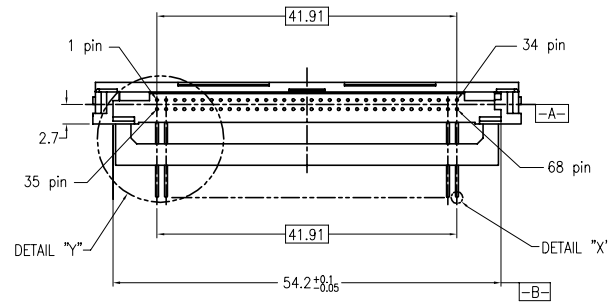
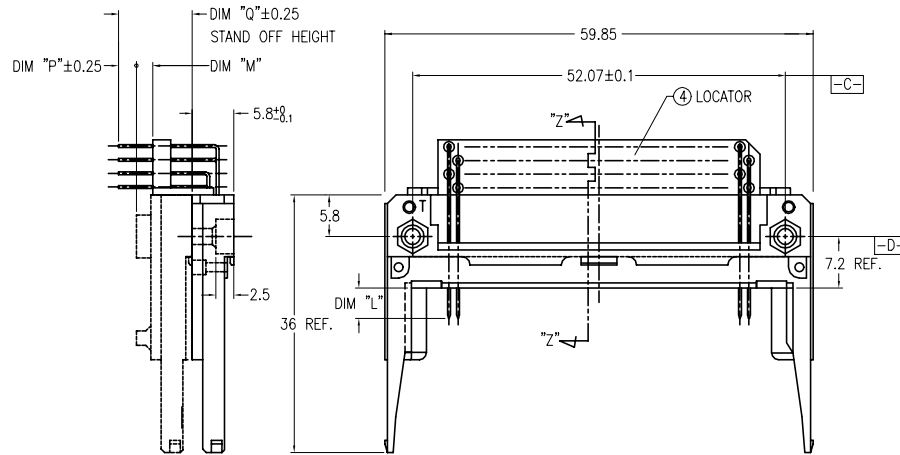
SOLDER AREA : 2.5um MIN. Sn-Pb.
OR 2.5um MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5um MIN. PURE Sn.
5. RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
6. SEQUENCE PIN ASSIGNMENT

	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
PIN No.	OTHERS	36.67	1.17.34 35.51.68

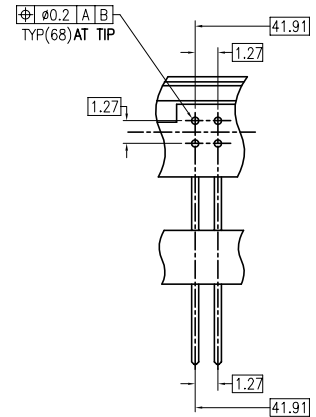
7. GENERAL TOLERANCE : ±0.3
8. SEE SHEET 1 REGARDING COMPONENTS.
9. IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
10. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
11. IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION
12. "M" SHOWS IT IS LOW COST VERSION, IT IS OPTIONAL AND IN FIRST OF LETTER OF PART NO., SUCH AS 94898-020MLF IS LOW COST VERSION 94898-020LF IS NOT LOW COST VERSION.

mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		PCMCIA
l	tr	ec	n	o	d
date		tolerances unless otherwise specified			title
R		angles	linear	MM	68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE
		±2°	0.X±0.3 0.XX±0.13 0.XXX±0.05	scale 1:1	
		dr	M.Hasegawa 2/24/05		dwg no
		eng	M.Hasegawa 2/24/05		94898
		chr			sheet 3 of 7
		app			size A4
sheet index		revision			type CUSTOMER Drawing

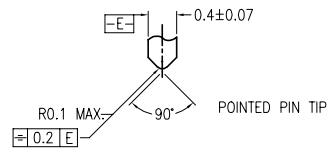
PRODUCT NO.
94898-005
94898-005LF
94898-045
94898-045LF



SECTION "Z-Z" (5/1)



DETAIL "Y" (5/1)



DETAIL "X" (20/1)
TYP(68)

NOTES

- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5µm MIN. NI.
CONTACT AREA : 0.076 µm MIN. GOLD

SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
PIN No.	OTHERS	36.67	1.17, 34, 35, 51, 68

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION

mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		PCMCIA
l	tr	ec	n	o	d
date		tolerances unless otherwise specified			title
R		angles	linear	MM	68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE
		±2°	0.X±0.3 0.XX±0.13 0.XXX±0.05	scale 1:1	
		dr	M.Hasegawa	2/24/05	
		eng	M.Hasegawa	2/24/05	
		chr			
		app			
sheet	revision				
index	sheet				



dwg no 94898 sheet 4 of 7 size A4
type CUSTOMER Drawing

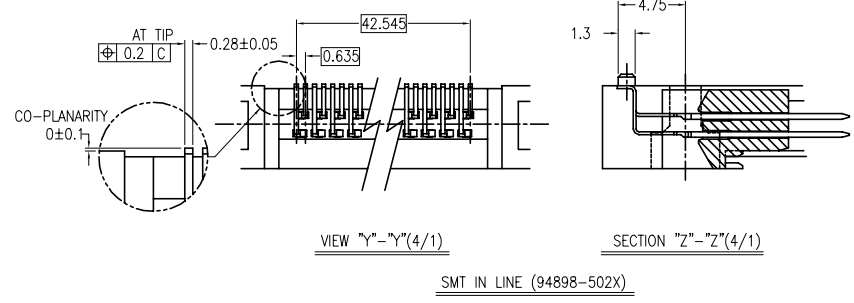
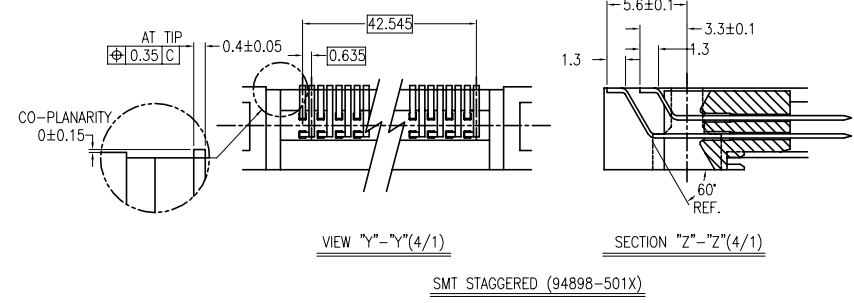
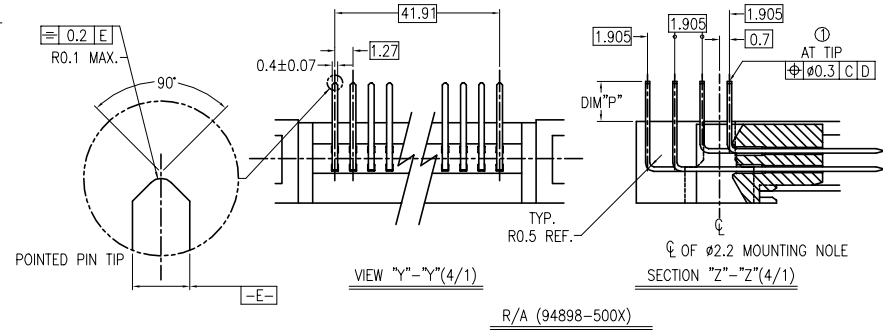
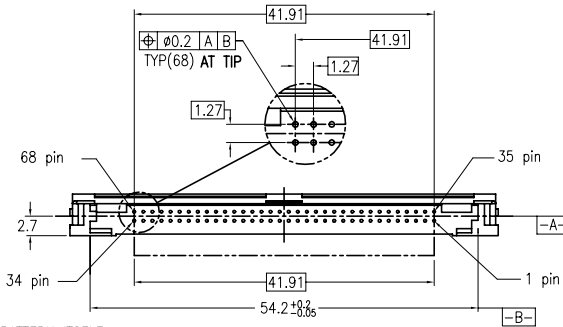
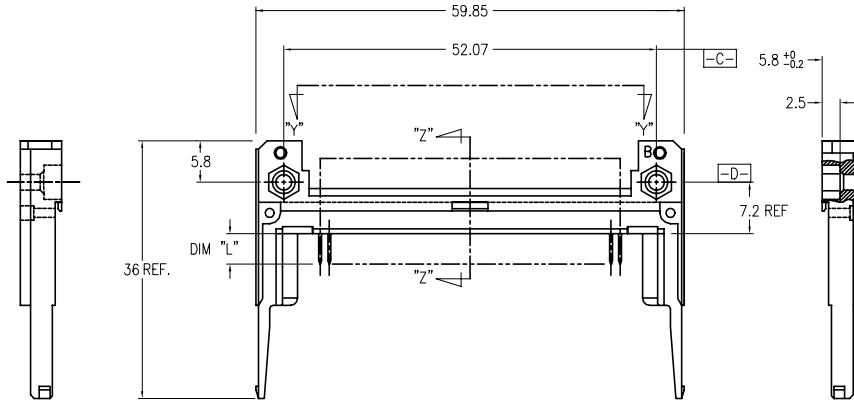
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94898-500
94898-500LF
94898-500H
94898-500HLF
94898-501
94898-501LF
94898-501H
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94898-502LF
94898-502H
94898-502HLF

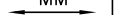
SEE NOTE 12

NOTES

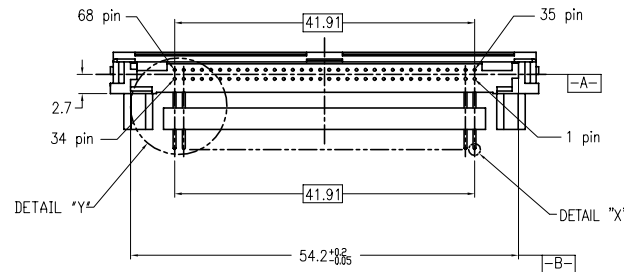
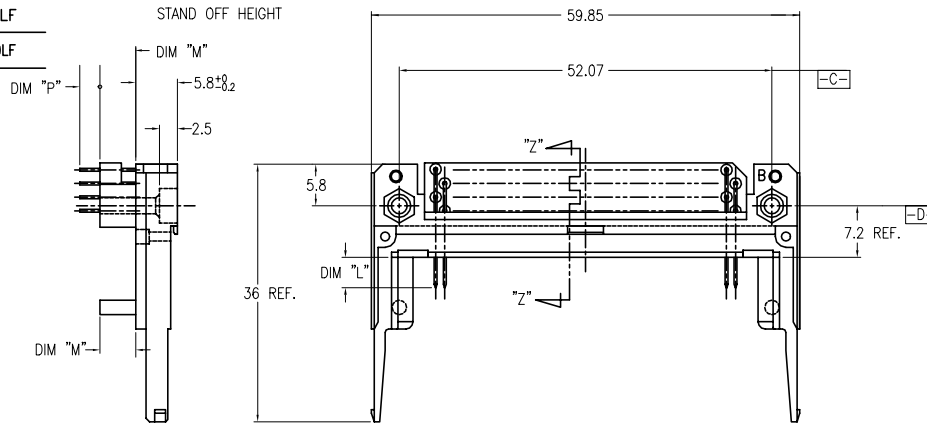
- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
 - HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
 - PIN : COPPER ALLOY.
 - HOLD-DOWN : BRASS
- FINISH
 - PIN UNDER PLATING : 0.5μm MIN. Ni.
 - CONTACT AREA : 0.076 μm MIN. GOLD
 - SOLDER AREA : 2.5μm MIN. Sn-Pb.
 - OR 2.5μm MIN. PURE Sn.(FOR -XXXLF)
 - HOLD-DOWN : 2.5μm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

PIN No.	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	17.94	35.51.68
- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBED IN GS-22-008
- IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION
- THE P/N 94898-502J HAS SPECIAL TRAY, IT IS 10084720-001.



mat'l. code				surface		tolerance		projection		product family					
				ISO 1302		ISO 406 ISO 1101				PCMCIA					
ltr ecn nldr date				tolerances unless otherwise specified						title					
R				angles		linear				68 POS EJECTOR HEADER ASSY					
						0.X±0.3									
						0.XX±0.13									
				±2°		0.XXX±0.05		scale 1:1		FOR LOW VOLTAGE					
				dr		M.Hasegawa		2/24/05		dwg no		sheet5 of 7		size	
				engr		M.Hasegawa		2/24/05		FCJ		94898		A4	
				chr											
				appd											
sheet index		revision sheet													

PRODUCT NO.	
94898-510	94898-510LF
94898-520	94898-520LF
94898-530	94898-530LF
94898-540	94898-540LF



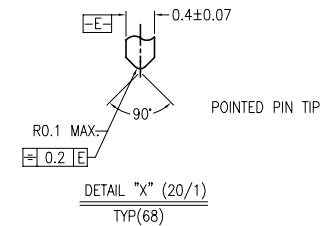
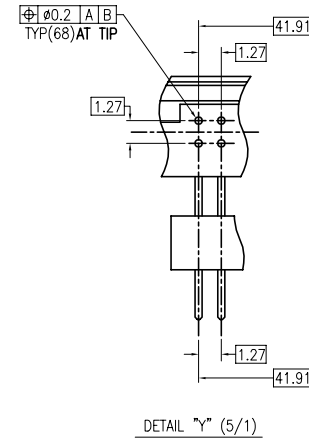
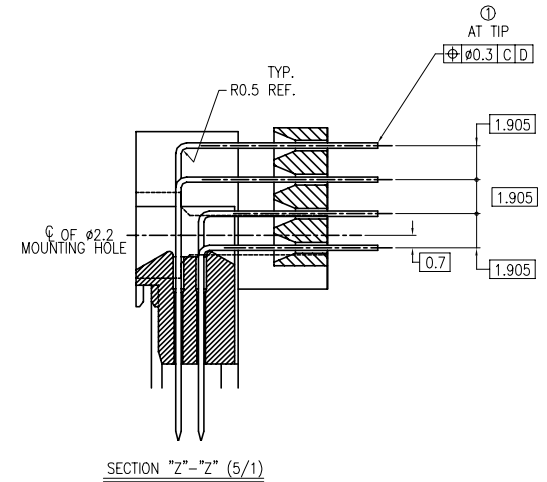
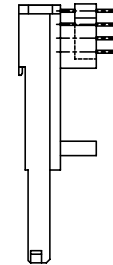
NOTES

- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5µm MIN. Ni.
CONTACT AREA : 0.076 µm MIN. GOLD

SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

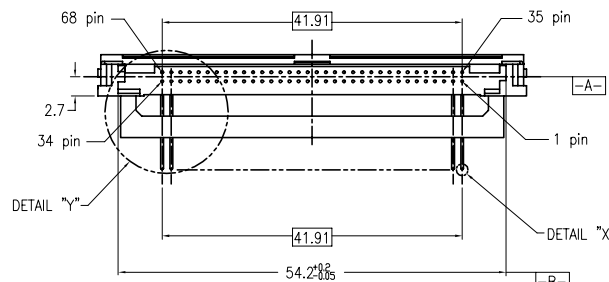
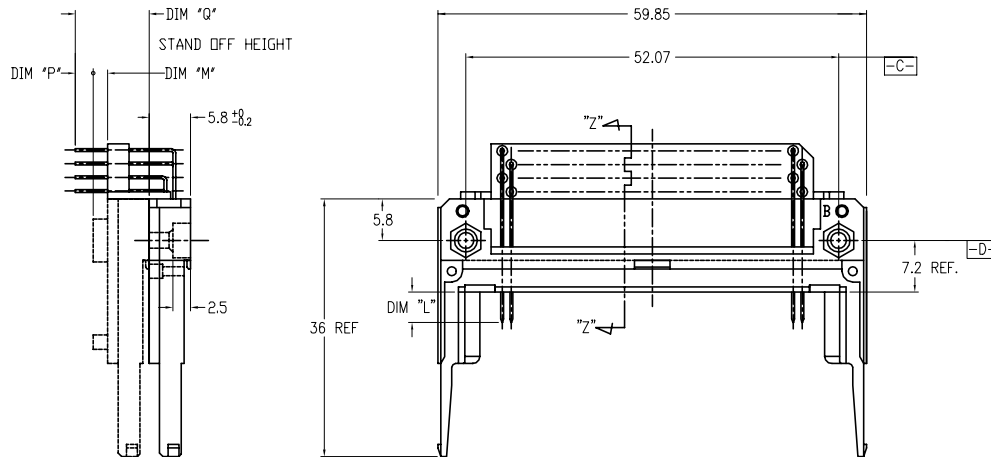
PIN No.	DIM "L"	
	4.25±0.1	3.5±0.1
OTHERS	36.67	5.0±0.1

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION



mat'l. code		surface		tolerance		projection		product family	
ISO 1302		ISO 406		ISO 1101		MM		PCMCIA	
tolerances unless otherwise specified		linear		angular		scale 1:1		title	
R		0.X±0.3		±2°		F		68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE	
dr M.Hasegawa 2/24/05		0.XX±0.13		engr M.Hasegawa 2/24/05		dwg no 94898		sheet 6 of 7	
chr		0.XXX±0.05		appd		type CUSTOMER		Drawing	
sheet index		revision sheet							

PRODUCT NO.
94898-505
94898-505LF
94898-535
94898-535LF
94898-545
94898-545LF

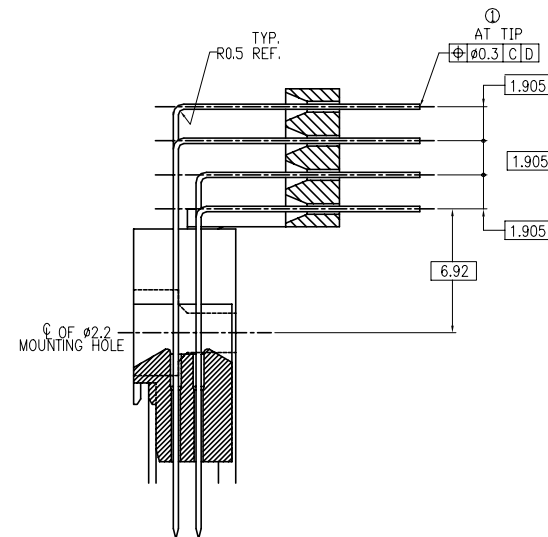
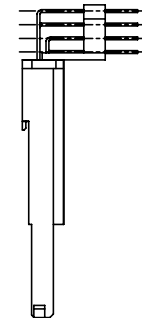


NOTES

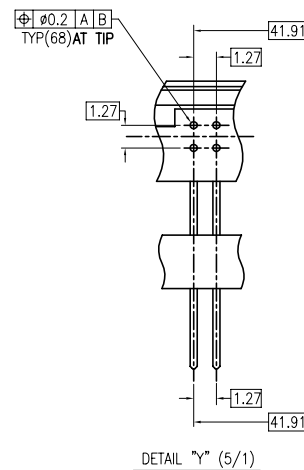
- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
 - HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
 - PIN : COPPER ALLOY.
 - HOLD-DOWN : BRASS
- FINISH
 - PIN
 - UNDER PLATING : 0.5μm MIN. Ni.
 - CONTACT AREA : 0.076 μm MIN. GOLD
 - SOLDER AREA : 2.5μm MIN. Sn-Pb.
OR 2.5μm MIN. PURE Sn.(FOR -XXXLF)
 - HOLD-DOWN : 2.5μm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

	DIM "L"		
PIN No.	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	117.34	35.51±0.8

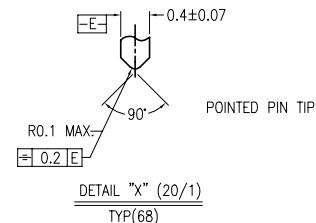
- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCIBLED IN GS-22-008
- IF LEAD FREE P/N, PACKAGE MEETS GS-14-920 SPECIFICATION



SECTION "Z"- "Z" (5/1)



DETAIL "Y" (5/1)



DETAIL "X" (20/1)
TYP(68)

mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		PCMCIA
l	tr	ec	n	o	d
date		tolerances unless otherwise specified		title	
R		angles	linear	MM	68 POS EJECTOR HEADER ASSY FOR LOW VOLTAGE
		±2°	0.X±0.3 0.XX±0.13 0.XXX±0.05	scale 1:1	
		dr	M.Hasegawa 2/24/05		dwg no
		eng	M.Hasegawa 2/24/05		94898
		chr			sheet 7 of 7
		app			size A4
sheet index		revision sheet		type CUSTOMER Drawing	