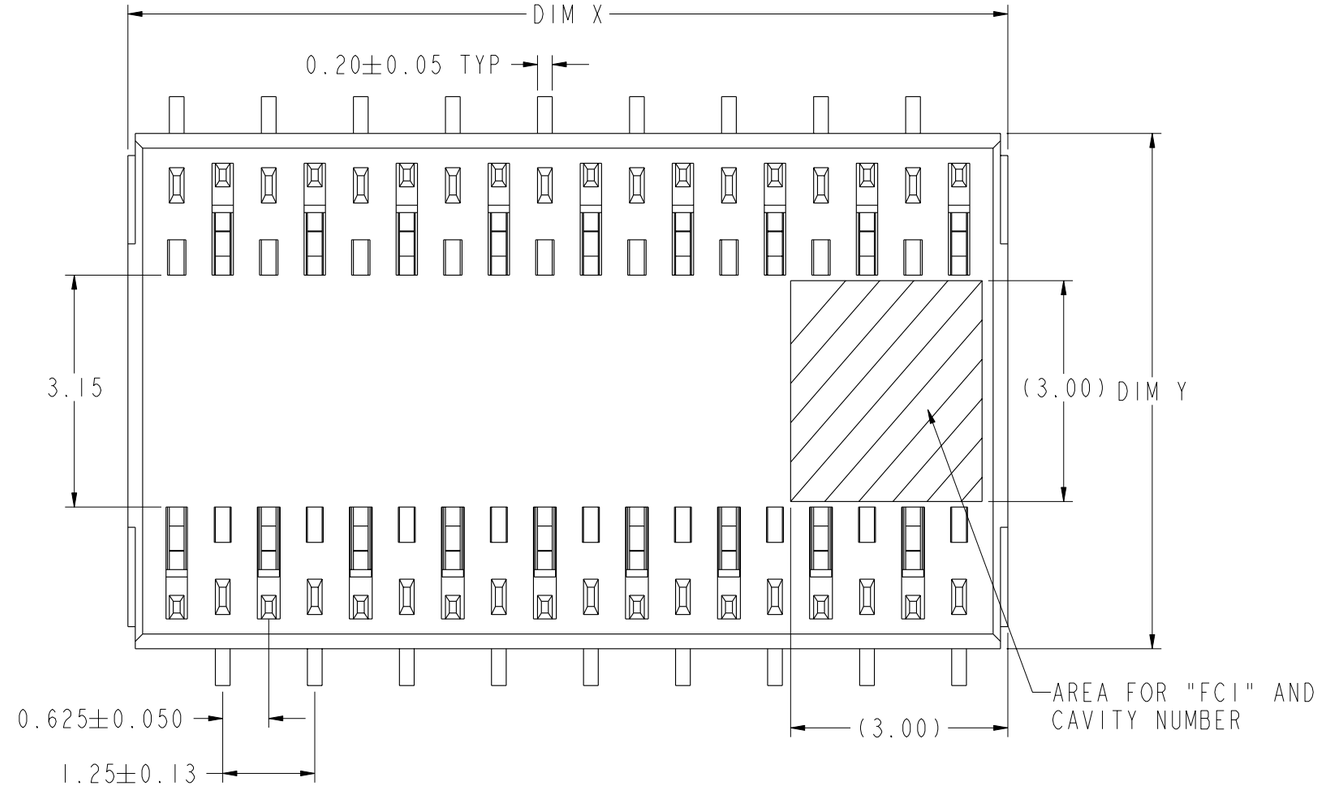
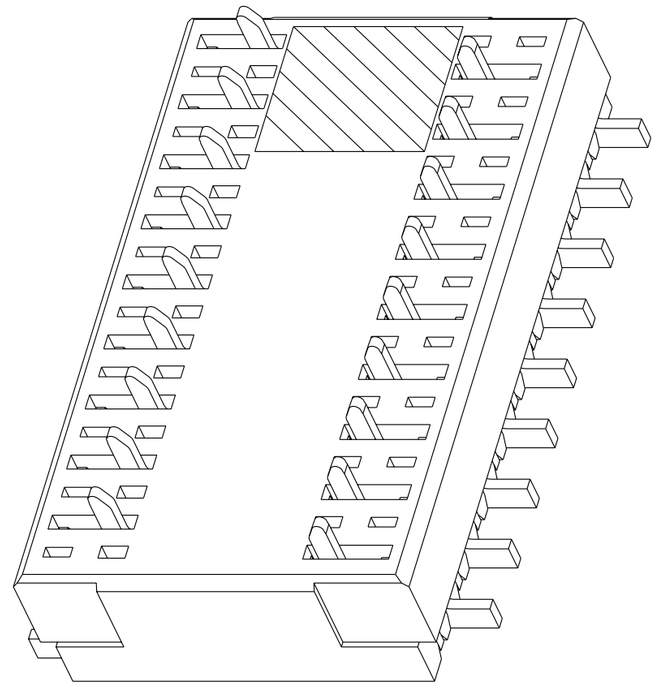
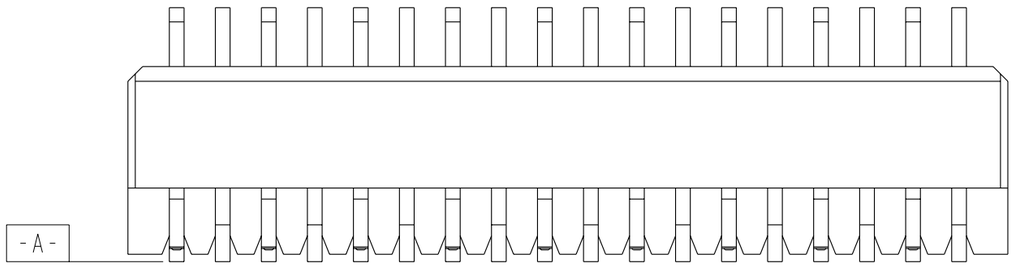
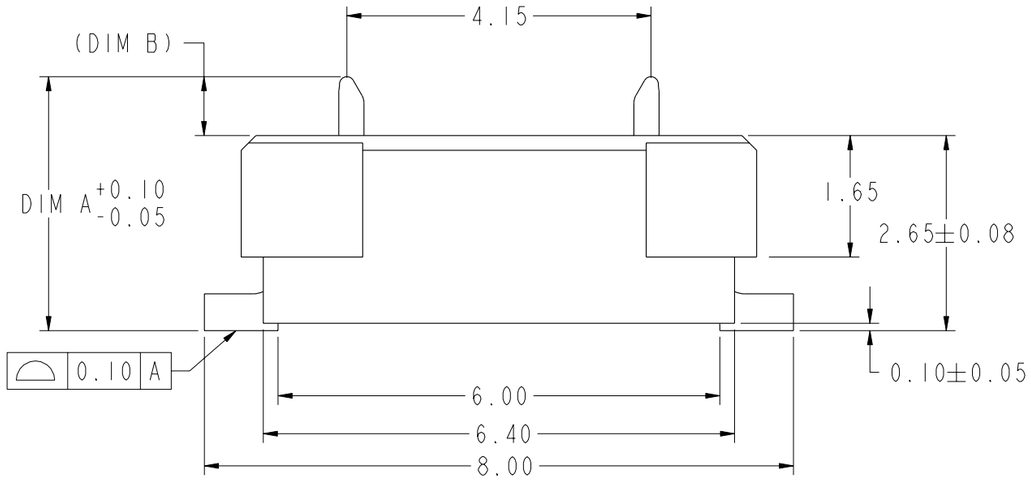
PRODUCT NO.
SEE TABLE





SCALE 10:1





spec ref				dr	SH TAN	2004-04-30	projection	MM	size A3 / scale 12:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	DENNIS GOH	2010-11-01			
				chr	DENNIS GOH	2010-11-01			ecn no ELX-S-001904-1
				appr	JOEY NG	2010-11-01	product family		rel level Released
surface	linear	0.X	±0.20	FCI	title	COMPRESSION CONNECTOR (1.25 mm PITCH)		dwg no 55527	rev F
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 1 of 4

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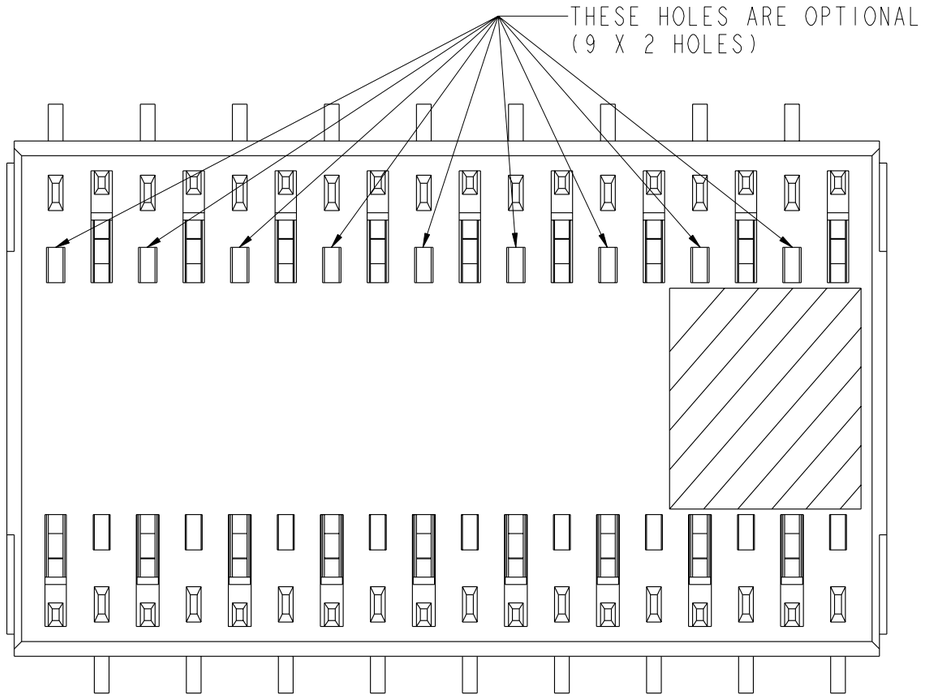
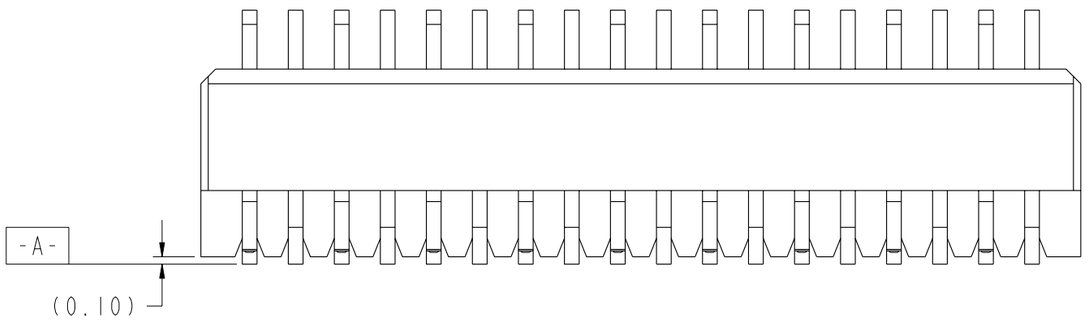
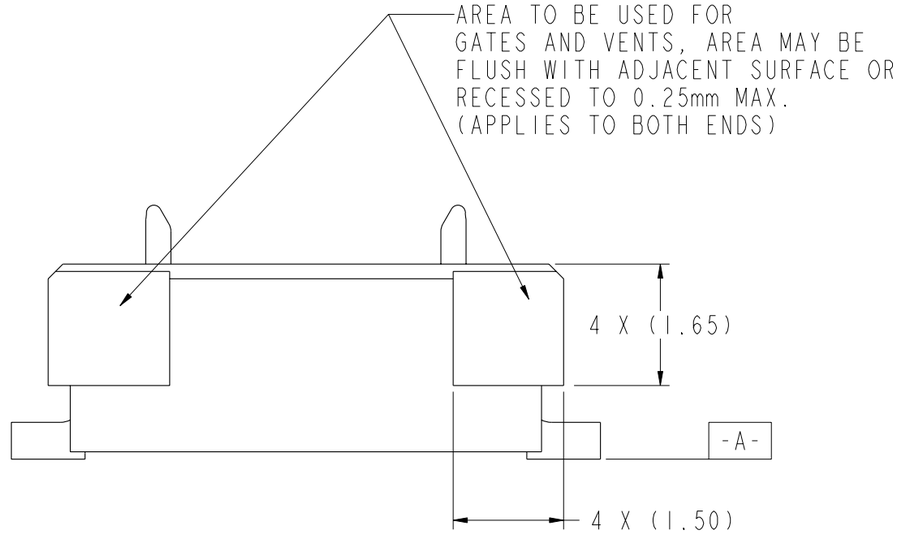
PRODUCT NO.
SEE TABLE

HOUSING CONFIGURATION







Copyright FCI.

spec ref				dr	SH TAN	2004-04-30	projection	MM	size A3 / scale 12:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	DENNIS GOH	2010-11-01			
				chr	DENNIS GOH	2010-11-01			ecn no ELX-S-001904-1
				appr	JOEY NG	2010-11-01	product family		rel level Released
surface ✓	linear	0.X	±0.20	FCI	title	COMPRESSION CONNECTOR (1.25 mm PITCH)		dwg no 55527	rev F
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 2 of 4

PRODUCT NO.	NO. OF POSITIONS	PLATING	DIM A	DIM B	DIM X	DIM Y	PACKAGING
55527-001	18	NOTE 5	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TUBE
55527-001TR	18	NOTE 5	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-101LF	18	NOTE 6	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TUBE
55527-101TRLF	18	NOTE 6	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-201LF	18	NOTE 7	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TUBE
55527-201TRLF	18	NOTE 7	3.35	0.70	11.95 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-202LF	18	NOTE 7	3.45	0.80	11.95 ± 0.05	7.00 ± 0.05	TUBE
55527-202TRLF	18	NOTE 7	3.45	0.80	11.95 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-302LF	18	NOTE 8	3.45	0.80	11.95 ± 0.05	7.00 ± 0.05	TUBE
55527-302TRLF	18	NOTE 8	3.45	0.80	11.95 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-022	22	NOTE 5	3.35	0.70	14.45 ± 0.05	7.00 ± 0.05	TUBE
55527-022TR	22	NOTE 5	3.35	0.70	14.45 ± 0.05	7.00 ± 0.05	TAPE & REEL
55527-122LF	22	NOTE 6	3.35	0.70	14.45 ± 0.05	7.00 ± 0.05	TUBE
55527-122TRLF	22	NOTE 6	3.35	0.70	14.45 ± 0.05	7.00 ± 0.05	TAPE & REEL

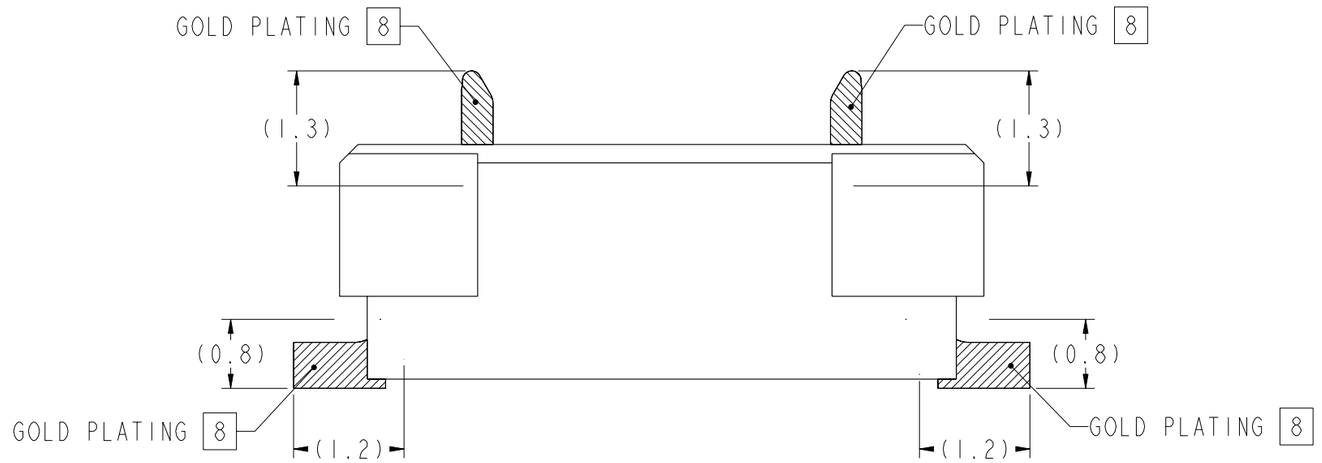


DIAGRAM 1
APPLICABLE TO SELECTIVE PLATING ONLY

spec ref				dr	SH TAN	2004-04-30	projection	MM	size A3 / scale 15:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	DENNIS GOH	2010-11-01			
				chr	DENNIS GOH	2010-11-01			ecn no ELX-S-001904-1
				appr	JOEY NG	2010-11-01	product family		rel level Released
surface	linear	0.X	±0.20	FCI	title	COMPRESSION CONNECTOR (1.25 mm PITCH)	dwg no	55527	rev F
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 3 of 4

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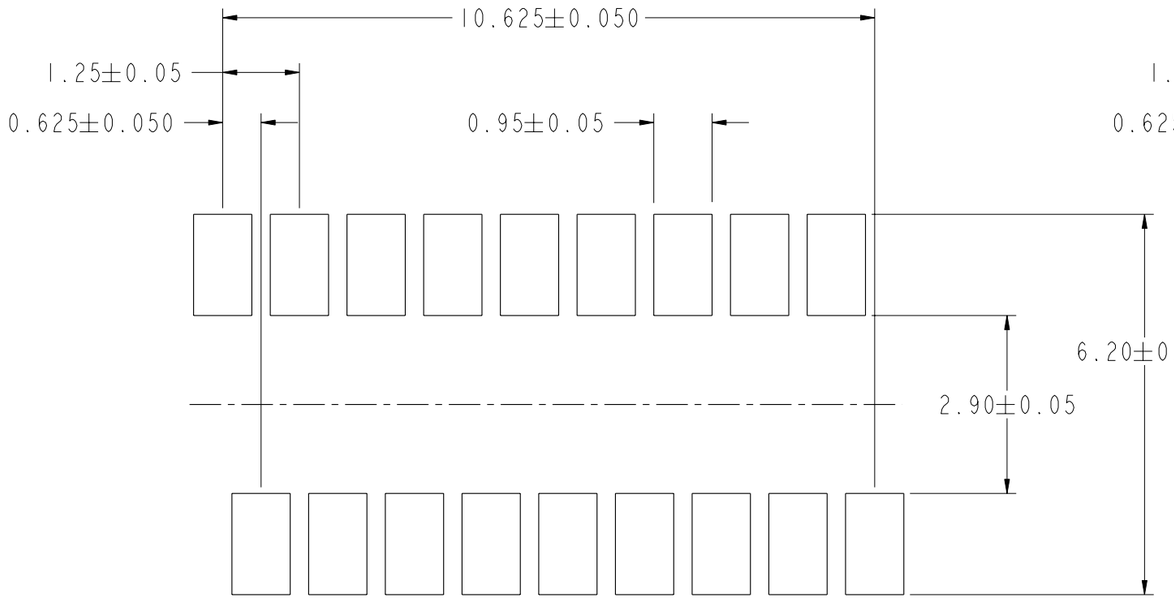
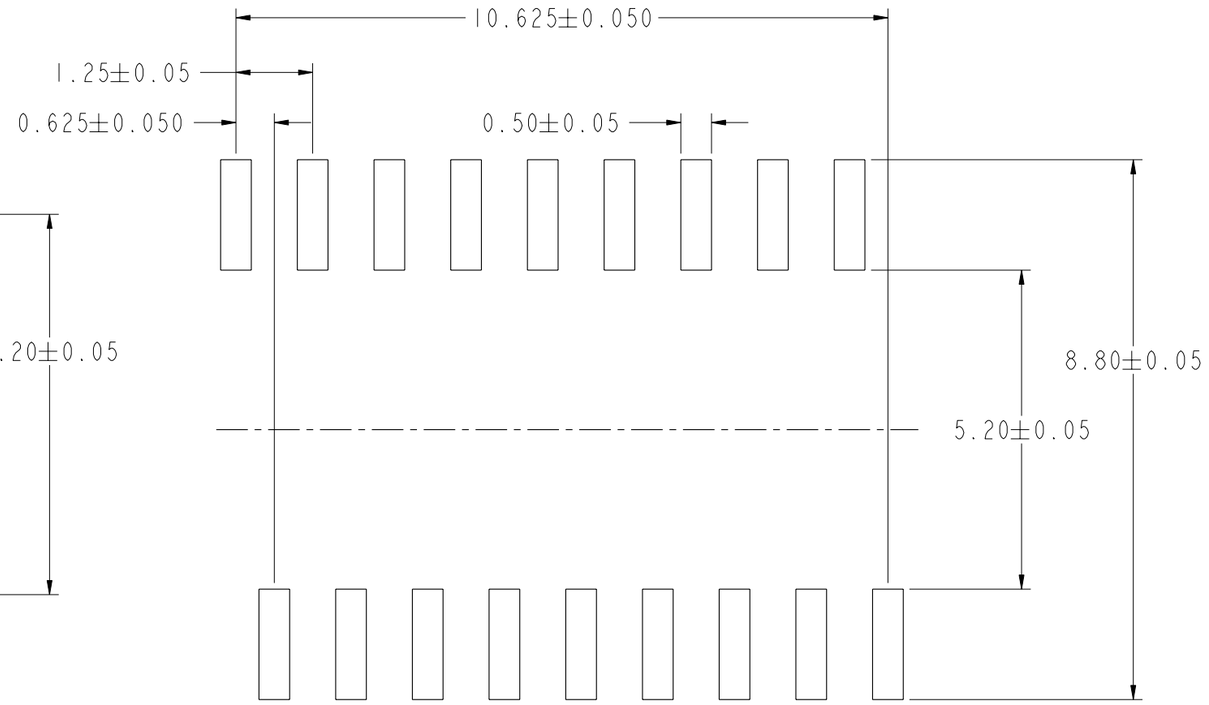
NOTES:
1. MATERIALS:
   HOUSING: HIGH TEMPERATURE PLASTIC, BLACK OR GRAY
   CONTACT: COPPER ALLOY
2. CONTACT FORCE:
   100g MIN WHEN COMPRESSED TO A WORKING OR STACK HEIGHT
   OF 2.90 mm (nominal) FROM DATUM A
3. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
   REGULATIONS AS DESCRIBED IN GS-22-008
4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
   FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN
5. PLATING:
   TIN-LEAD OVER NICKEL UNDERPLATE
6. PLATING:
   TIN (LEAD FREE) OVER NICKEL UNDERPLATE
7. PLATING
   NICKEL UNDERPLATE OVERALL
   2u" MIN TO 5u" MAX GOLD AT CONTACT AND
   GOLD FLASH ON SOLDER TAIL
8. PLATING
   NICKEL UNDERPLATE OVERALL
   2u" MIN TO 5u" MAX GOLD AT CONTACT AND
   SOLDER TAIL (REFER DIAGRAM 1)



RECOMMENDED CONTACT PAD DIM.
(NO. OF PADS DEPEND ON NO. OF POSITIONS OF THE CONNECTOR)

SCALE 10:1



SCALE 10:1

RECOMMENDED SMT PAD DIM.
(NO. OF PADS DEPEND ON
NO. OF POSITIONS OF THE CONNECTOR)

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spec ref				dr	SH TAN	2004-04-30	projection	MM	size A3 / scale 4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	DENNIS GOH	2010-11-01			
				chr	DENNIS GOH	2010-11-01			ecn no ELX-S-001904-1
				appr	JOEY NG	2010-11-01	product family		rel level Released
surface ✓	linear	0.X	±0.20	FCI	title	COMPRESSION CONNECTOR (1.25 mm PITCH)		dwg no 55527	rev F
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 4 of 4