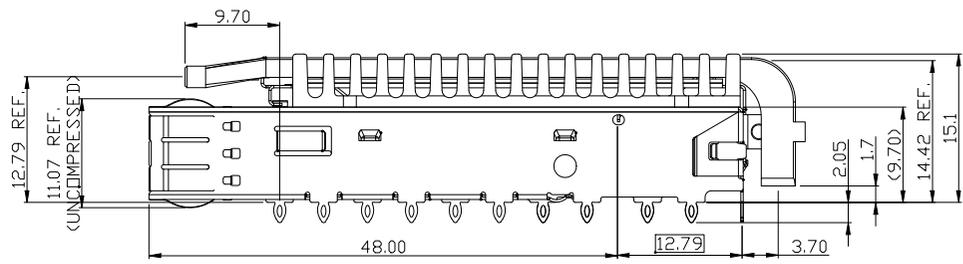
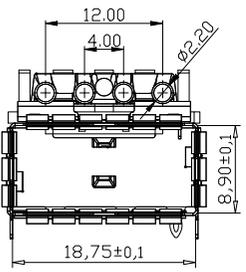
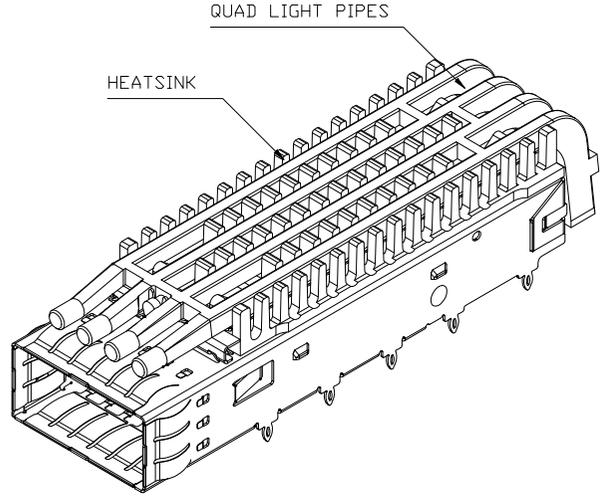
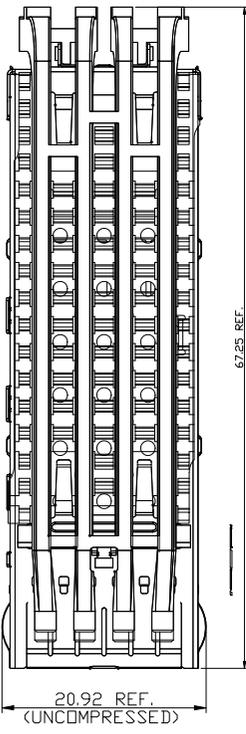


REV.	ECN. NO.	NAME	DATE



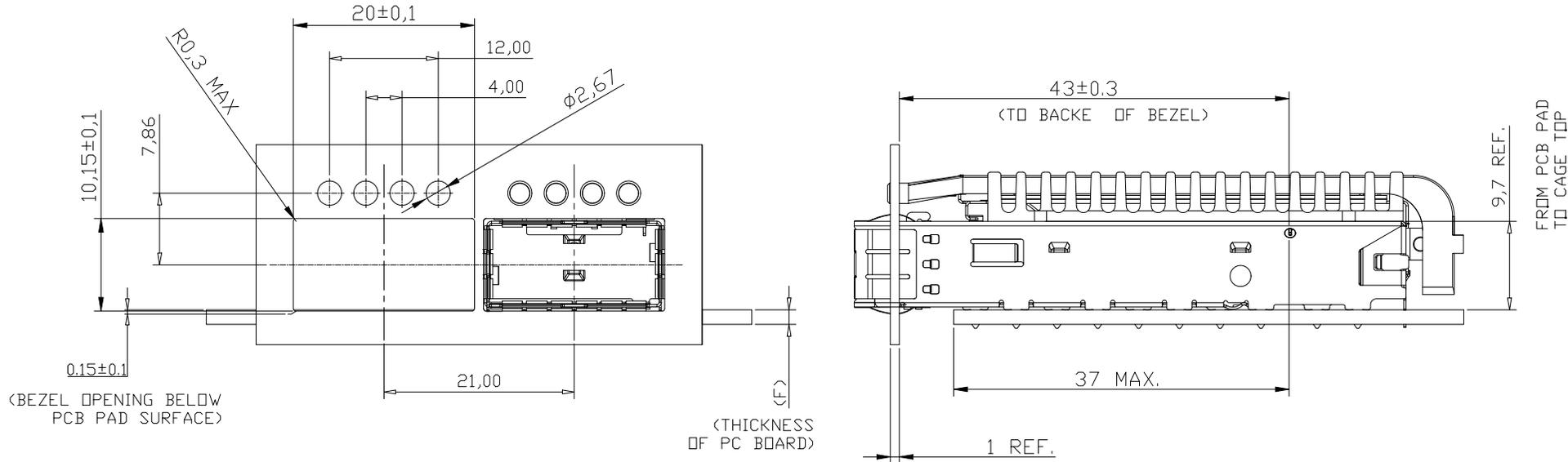
S118 15 B 1 2

- 1. REAR LEGS:
  - 0=W/O REAR LEG
  - 1=W/ 1 REAR LEG
  - 2=W/ 2 REAR LEGS
- 2. LIGHT PIPE OPTION:
  - 0=W/O Light Pipe
  - 1=W/Single Light Pipe(Round)(Dim. A=9.7mm)
  - 2=W/Double Light Pipe(Round)(Dim. A=9.7mm)
  - 5=W/Quad Light Pipe(Round)(Dim. A=9.7mm)
  - 6=W/Light Pipe(Round)(Dim. A=10.7mm)
- 3. LIGHT PIPE DIM OPTION:
  - 0=W/O Light Pipe
  - 1=Ø2.67mm For Single Light Pipe
  - 2=Ø2.67mm For Double Light Pipe
  - 3=Ø2.00mm For Double Light Pipe
  - A=Ø2.67mm For Quad Light Pipe
  - B=Ø2.00mm For Quad Light Pipe
  - C=Ø2.00mm For Single Light Pipe
- 4. PROCESS OPTION:
  - 0=W/O Heatsink, Open Top
  - C=W/O Heatsink, Close Top
  - 1=W/PCI(Heatsink 4.2mm)
  - 2=W/SAN(Heatsink 6.5mm)
  - 3=W/Networking(Heatsink 13.5mm)
- 1. MATERIALS:
  - CAGE UP: STAINLESS STEEL, 0.25 THICKNESS
  - CAGE DOWN: STAINLESS STEEL, 0.25 THICKNESS
  - PARTITION: STAINLESS STEEL
  - EMI FINGERS: STAINLESS STEEL
  - HEATSINK: ALUMINUM
  - HEATSINK CLIP: STAINLESS STEEL
  - LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
  - CAP: THERMOPLASTIC 94V-0, BLACK
- 2. SURFACE FINISH:
  - BODY CAGE: CLEANING
  - EMI SPRING FINISH: CLEANING AND HOLE SEALING
  - HEATSINK FINISH: BLACK ANODIZED
  - HEATSINK CLIP FINISH: CLEANING
- 3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.
  - INSIDE SURFACE OF CASSET WHEN FULLY COMPRESSED.
- 5. REFERENCE DOCUMENTS:
  - PRODUCT SPECIFICATION: SFF-8663
- 6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

# RoHS Compliant

TOLERANCE UNSPECIFIED		<b>VITALCON</b> a vital connector company		FOR YOUR VITAL CONNECTION	
.0	± 0.38			TITLE: QSFP+28G 1X1 CAGE	
.00	± 0.25	DRAWN BY: BECKER		PART NO: S11815B12	
.000	± 0.10	CHECKED BY: VTA		SIZE: A4	
ANGLE	± 3.00°	APPROVED BY: QPF		UNIT:mm	
MANUFACTURING COPY		PROJECTION		SHEET:10F5	
				FCN: A4	
				http://www.vitalconn.com	
				REV: A	

REV.	ECN. NO.	NAME	DATE

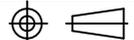


BEZEL AND BOARD POSITION DIMENSION FOR SINGLE SIDE MOUNTING

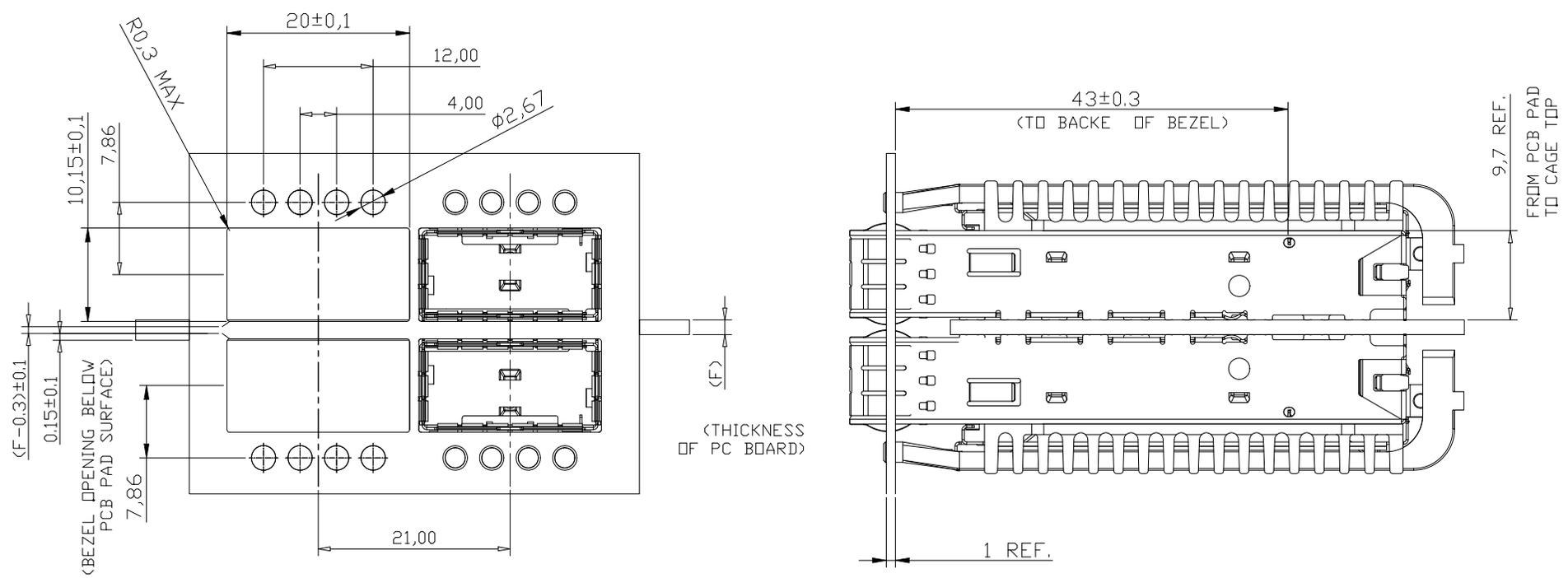
NOTES:

1. THE NORMAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.(DIM. "F")  
 SINGLE SIDED PC BOARD THICKNESS: 1.60mm MIN.  
 BELLY TO BELLY PC BOARD MIN. THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ±0.05.

**RoHS Compliant**

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.000	± 0.10	CHECKED BY: VTA		SIZE: A4	
ANGLE	± 3.00°	APPROVED BY: QPF		UNIT:mm	
MANUFACTURING COPY		PROJECTION		SHEET:20F5	
				REV: A	
				FCN: A4	
				 <a href="http://www.vitalconn.com">http://www.vitalconn.com</a>	

REV.	ECN. NO.	NAME	DATE



BEZEL AND BOARD POSITION DIMENSION FOR BELLY TO BELLY MOUNTING

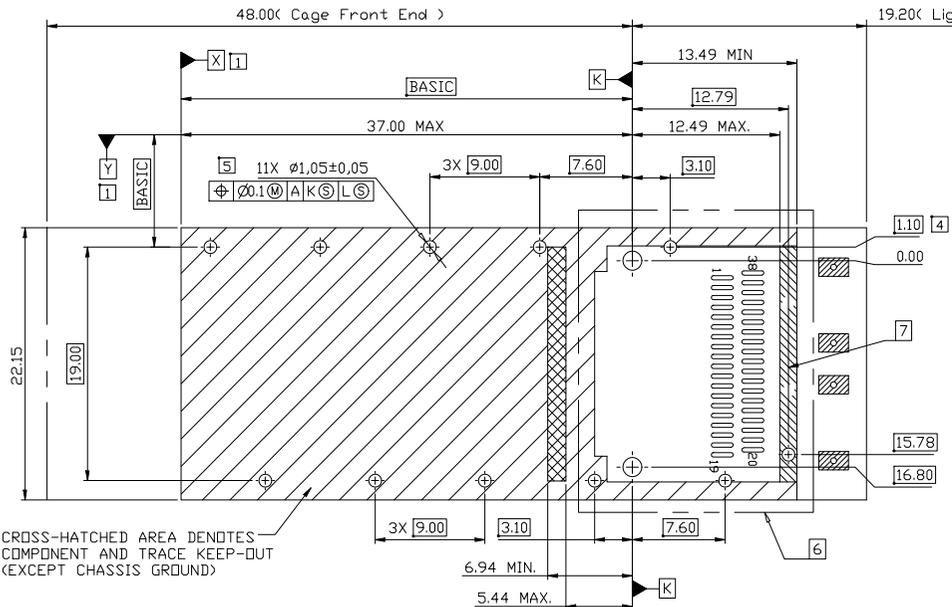
NOTES:

1. THE NORMAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.(DIM. "F")  
 SINGLE SIDED PC BOARD THICKNESS: 1.60mm MIN.  
 BELLY TO BELLY PC BOARD MIN. THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ±0.05.

# RoHS Compliant

TOLERANCE UNSPECIFIED				FOR YOUR VITAL CONNECTION	
.0	± 0.38			TITLE: QSFP+28G 1X1 CAGE	
.00	± 0.25	DRAWN BY: BECKER		PART NO: S11815B12	
.000	± 0.10	CHECKED BY: VTA		SIZE: A4	
ANGLE	± 3.00°	APPROVED BY: QPF		UNIT:mm	
MANUFACTURING COPY		PROJECTION		SHEET:30F5	
				REV: A	
				FCN: A4	
				<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>	

REV.	ECN. NO.	NAME	DATE

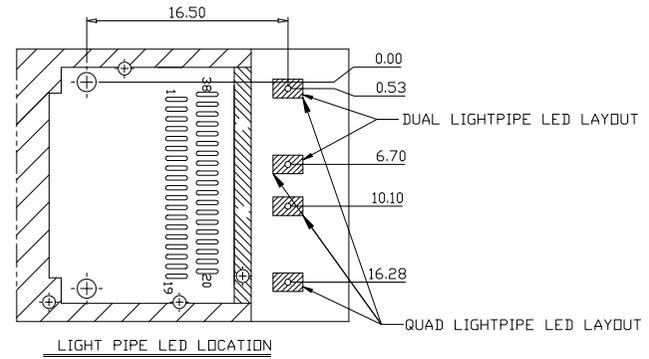


- NOTES:
- DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
  - DATUM A IS THE TOP SURFACE OF THE HOST BOARD
  - LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
  - BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
  - FINISHED HOLE SIZE
  - REFER TO SFF8662 FOR CONNECTOR FOOTING DIMENSIONS
  - SURFACE TRACES PERMITTED WITHIN THIS SHADED AREA

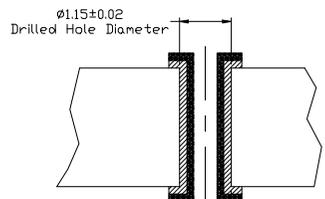
CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

FOR CAGE ASSEMBLIES WITH LIGHT PIPES



LIGHT PIPE LED LOCATION



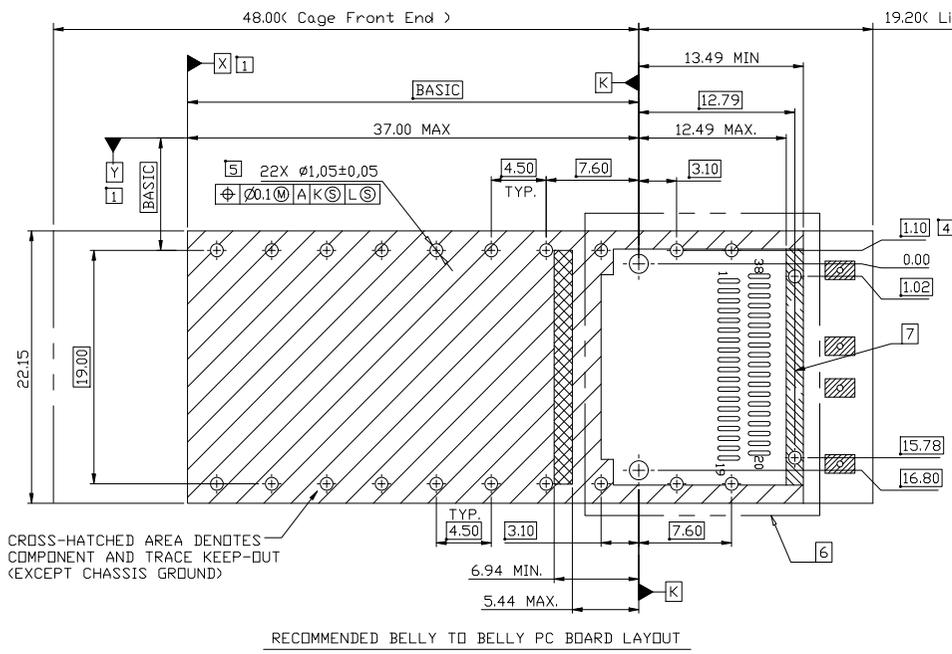
- 0.025-0.050mm Copper Plating
- 0.004-0.010mm Hot Air Solder Leveling (HASL) Tin-Lead (SnPb)
- 0.0005mm (Min) Immersion Tin (Sn)
- 0.0002-0.0005mm Organic Solderability Preservative (OSP)
- 0.004-0.0076mm Nickel (Ni), 0.0001-0.0005 Immersion Gold (Au)

FINISHED HOLE SIZE SPECS

# RoHS Compliant

TOLERANCE UNSPECIFIED		 <b>VITALCON</b> a vital connector company		FOR YOUR VITAL CONNECTION	
.0	± 0.38			TITLE: QSFP+28G 1X1 CAGE	
.00	± 0.25	DRAWN BY:	BECKER	PART NO:	S11815B12
.000	± 0.10	CHECKED BY:	VTA	SIZE: A4	UNIT:mm
ANGLE	± 3.00°	APPROVED BY:	QPF	PROJECTION	
MANUFACTURING COPY		SHEET:40F5		REV: A	
		FCN: A4		<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>	

REV.	ECN. NO.	NAME	DATE

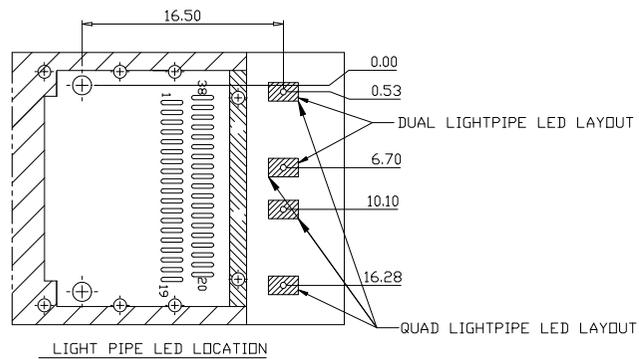


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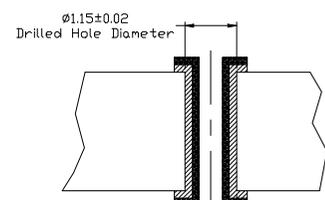
CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

RECOMMENDED BELLY TO BELLY PC BOARD LAYOUT

FOR CAGE ASSEMBLIES WITH LIGHT PIPES



LIGHT PIPE LED LOCATION



- 0.115±0.02 Drilled Hole Diameter
- 0.025-0.050mm Copper Plating
- 0.004-0.010mm Hot Air Solder Leveling (HASL) Tin-Lead (SnPb)
- 0.0005mm (Min) Immersion Tin (Sn)
- 0.0002-0.0005mm Organic Solderability Preservative (OSP)
- 0.004-0.0076mm Nickel (Ni), 0.0001-0.0005 Immersion Gold (Au)

FINISHED HOLE SIZE SPECS

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ANGLE	± 3.00°	APPROVED BY:	QPF	PROJECTION	
MANUFACTURING COPY		SHEET:50F5		REV: A	FCN: A4
		http://www.vitalconn.com			