

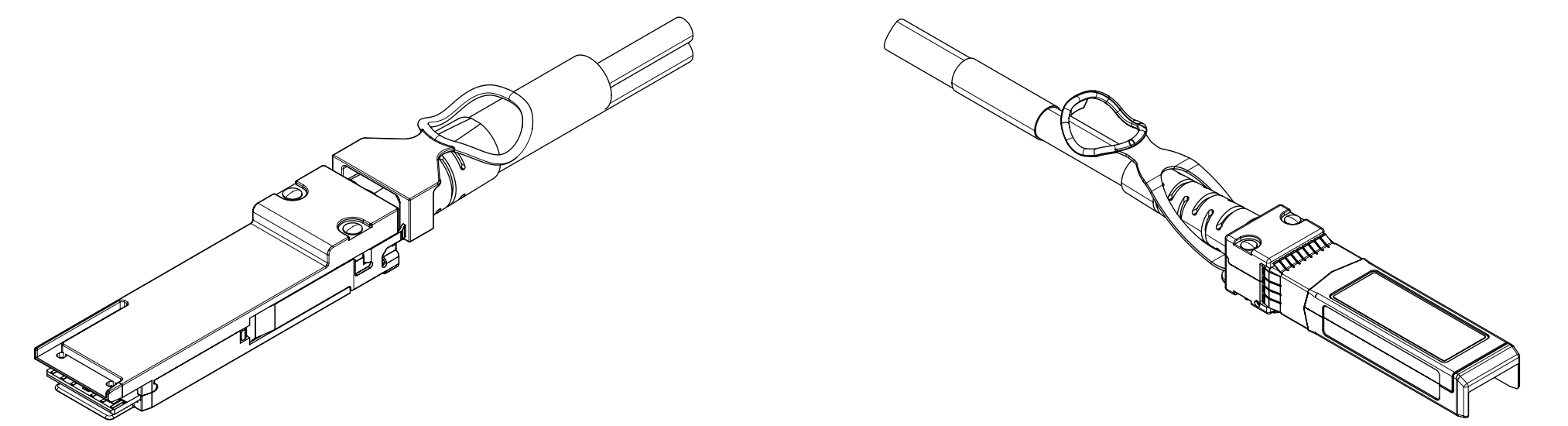
SEE SHEET 3 FOR zSFP+ LEG IDENTIFICATION LABEL DETAIL

MOLEX P/N	LENGTH(M)	TOL.(M)	AWG	RAW CABLE
2058971052	0.5	0.05	30	TEMPFLEX
2058971102	1.0	0.05	30	
2058971152	1.5	0.08	30	
2058971202	2.0	0.08	30	
2058973102	1.0	0.05	26	
2058973152	1.5	0.08	26	
2058973202	2.0	0.08	26	
2058973252	2.5	0.08	26	
2058973302	3.0	0.08	26	

LENGTHS BELOW 1M MAY NOT MEET ALL PARAMETERS OF 802.3cd

- NOTES:
- MATERIALS:
 - RAW CABLE- 2 TWIN-AX PAIRS, PVC JACKET
 - BACKSHELLS - ZINC DIECAST WITH BRIGHT NICKEL PLATING
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - RoHS COMPLIANT, NO EXEMPTIONS
 - EEPROM SPEC IS COMPLIANT TO SFF 8636 REV 2.7 AT zQSFP+ END AND SFF 8472 REV 12.2 AT zSFP+ END
 - EEPROM MAP AVAILABLE UPON REQUEST

QUALITY SYMBOLS F = 0 E = 0 E = 0 C = 0 C = 0 X = 0 = 0 V = 0				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DIMENSION UNITS mm		SCALE 1.5:1					
ADDED NOTE ON SHEET 1 EC NO: 171930 DRWN: SJKG CHKD: SJKG REV APPR: ARAYBURN				GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		DRWN BY SJKG		DATE 2017/10/31		ZQSFP+ TO 4ZSFP+ PAM4 56G CBL ASSY					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAFTER ARAYBURN		APPR BY EMEDINA02		DATE 2017/11/22		PRODUCT CUSTOMER DRAWING					
B				D		DRAWING SIZE D		THIRD ANGLE PROJECTION		SERIES 205897		MATERIAL NUMBER SEE P/N TABLE		CUSTOMER GENERAL MARKET	
RELEASE STATUS P1				RELEASE DATE 2018/02/07		16:39:25		DOCUMENT NUMBER 2058971052		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 3	

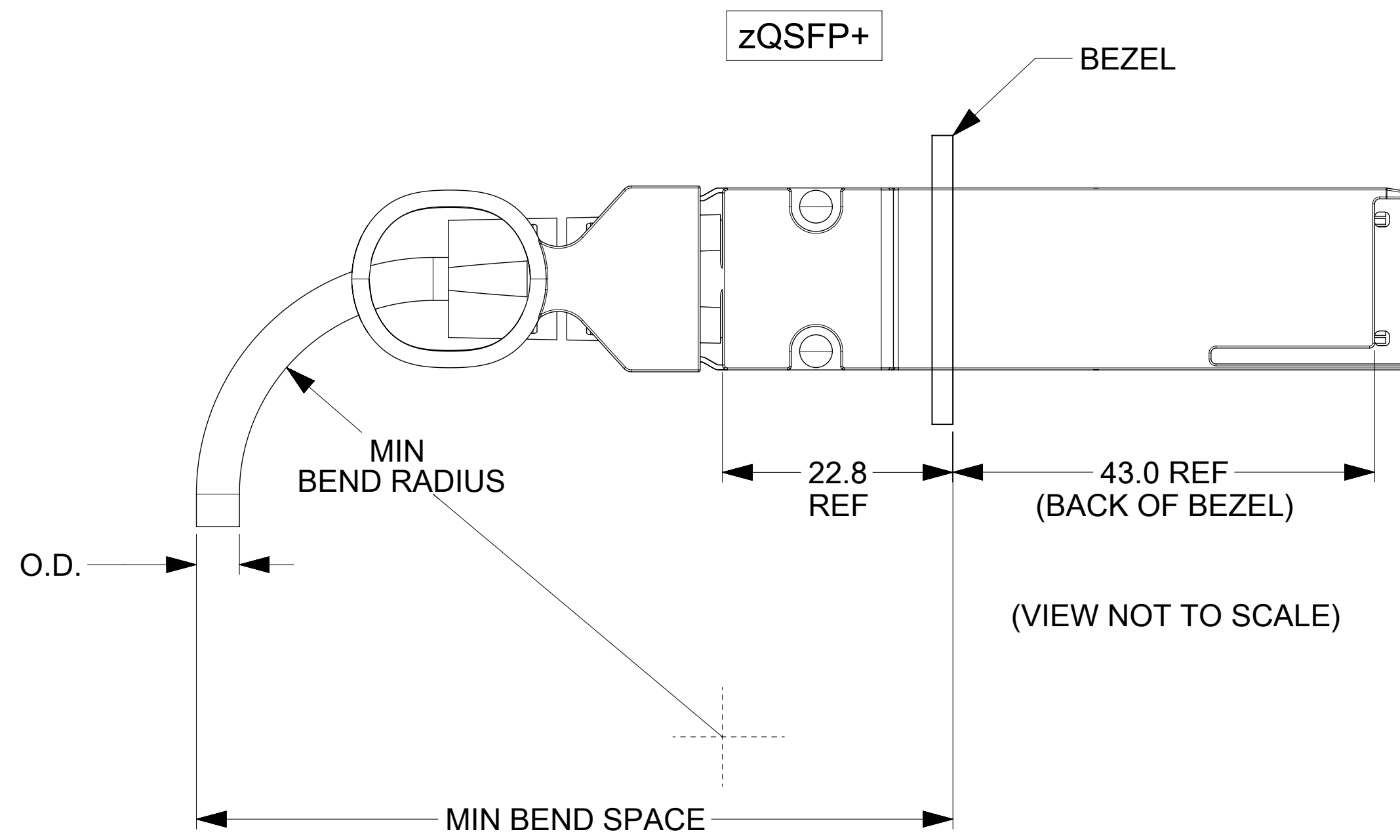


WIRING DIAGRAM					
zQSFP+		zSFP+		PLUG	
PAD	SIGNAL	SIGNAL	PAD		
38	GND	----	GND	A	
37	TX1-	--->	RD-		12
36	TX1+	--->	RD+		13
19	GND	----	GND		18
17	RX1+	<---	TD+	18	
18	RX1-	<---	TD-	19	
01	GND	----	GND	B	
02	TX2-	--->	RD-		12
03	TX2+	--->	RD+		13
20	GND	----	GND		18
22	RX2+	<---	TD+	18	
21	RX2-	<---	TD-	19	
35	GND	----	GND	C	
34	TX3-	--->	RD-		12
33	TX3+	--->	RD+		13
16	GND	----	GND		18
14	RX3+	<---	TD+	18	
15	RX3-	<---	TD-	19	
04	GND	----	GND	D	
05	TX4-	--->	RD-		12
06	TX4+	--->	RD+		13
23	GND	----	GND		18
25	RX4+	<---	TD+	18	
24	RX4-	<---	TD-	19	

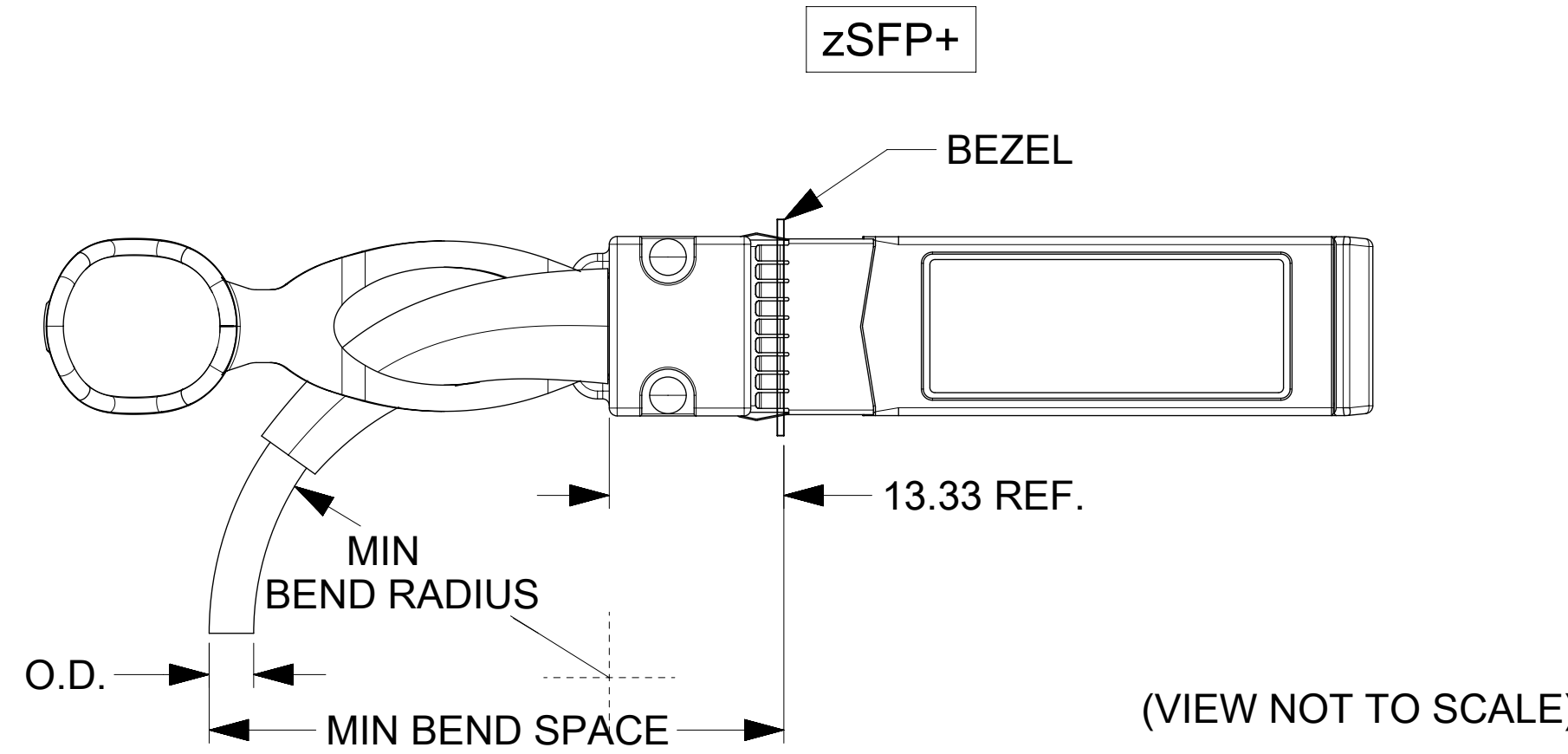
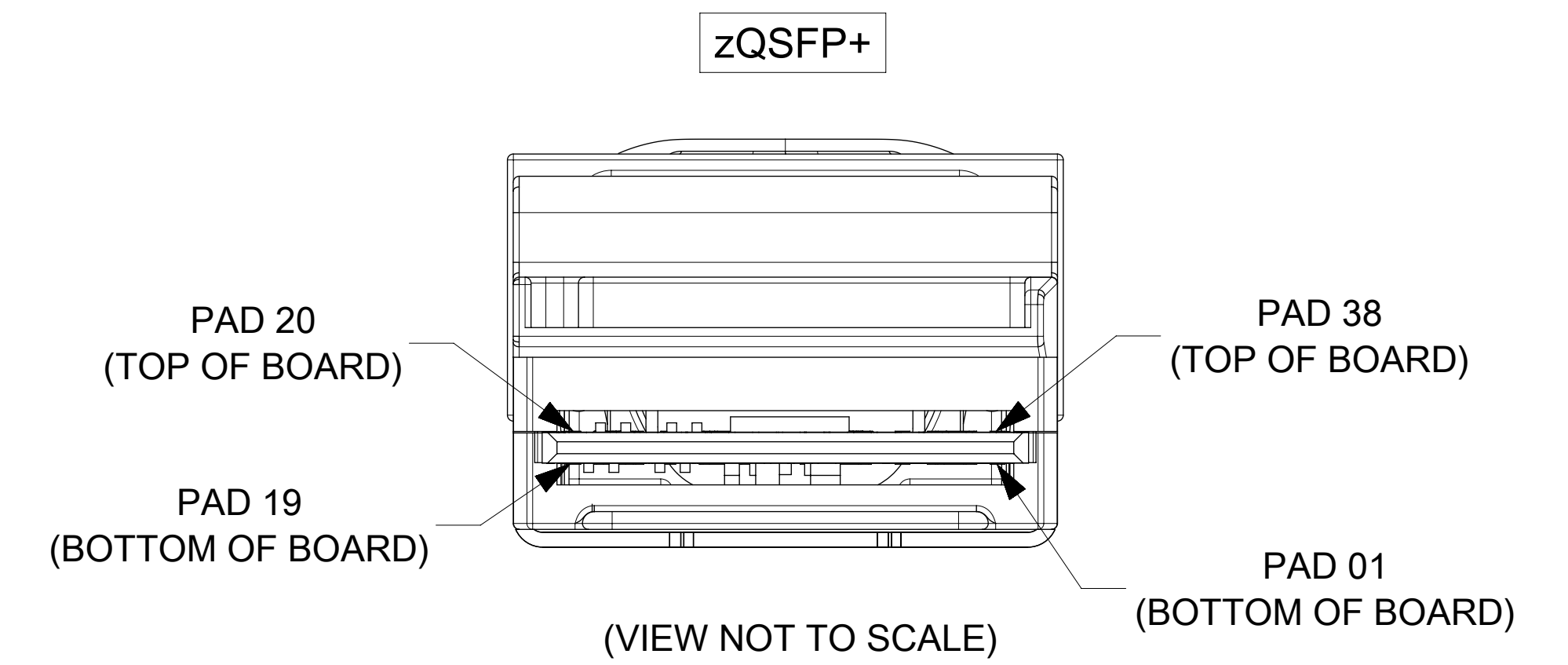
LOW SPEED SIGNALS zQSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMODE

LOW SPEED SIGNALS zSFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

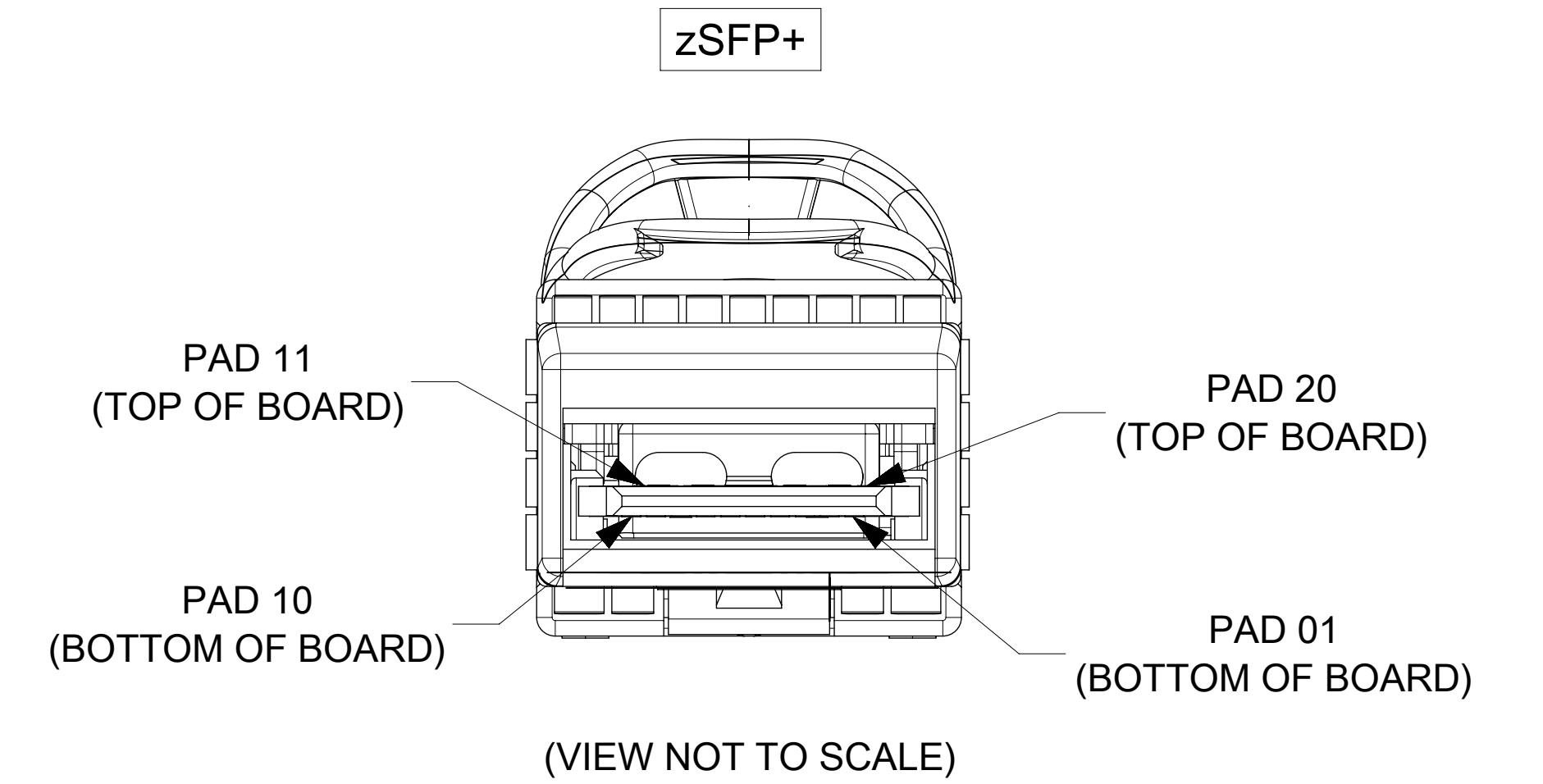
CABLE BEND RADIUS



CABLE AWG	OD OF CBL BUNDLE	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.83	24	56
26	5.8	29	63



CABLE AWG	OD	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.83	24	42
26	5.80	29	48

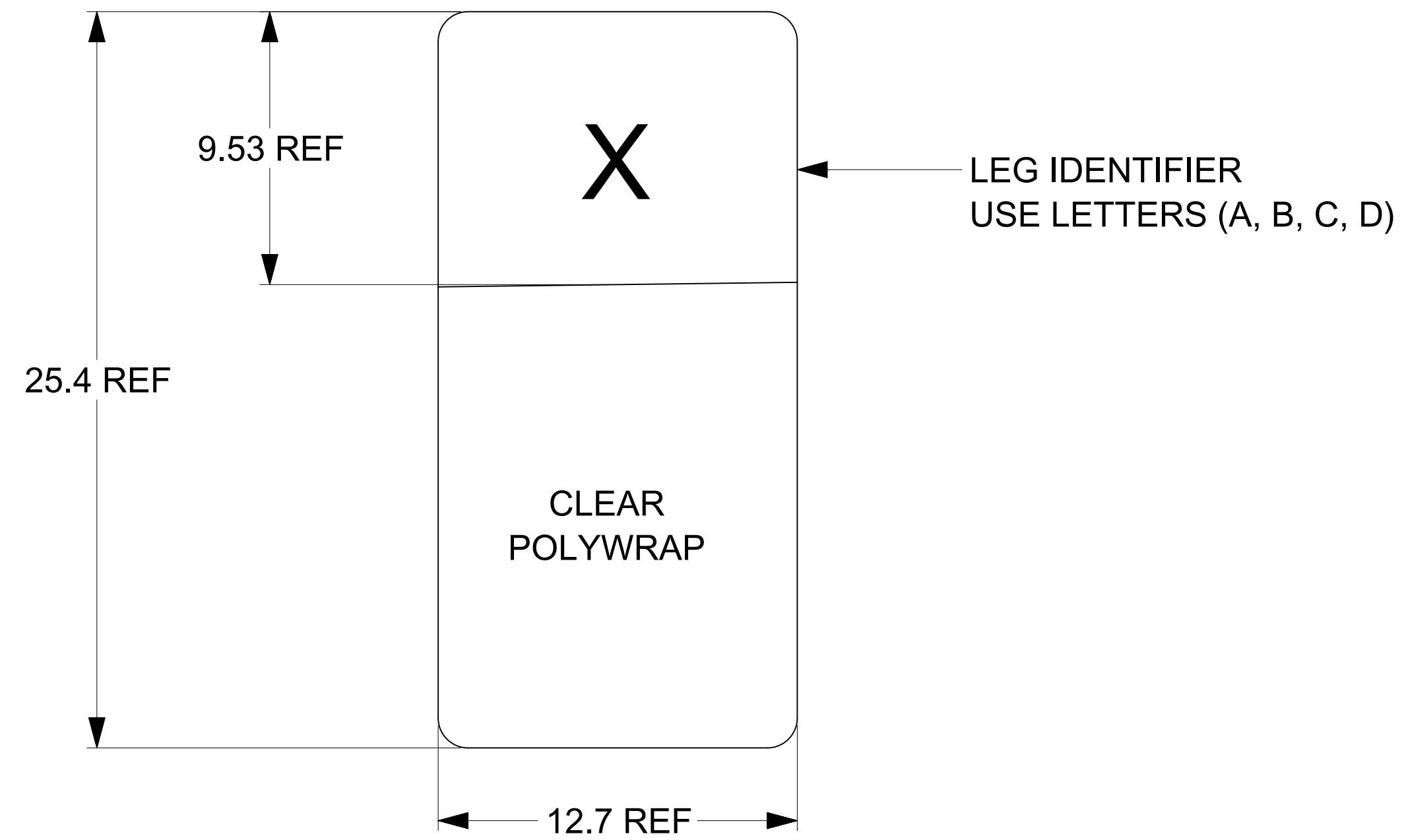


LEGEND:
 ---- = DRAIN LINES
 ---> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

NOTES:
 1. DC BLOCKING CAPS ON RECIEVE SIDE ONLY
 2. CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING.

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS		SCALE			
▽ = 0	2018/01/29	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	1:1	ZQSFP+ TO 4ZSFP+ PAM4 56G CBL ASSY			
▽ = 0	2018/02/07	ANGULAR TOL ± 1.0 °	DRWN BY	DATE				
▽ = 0	2018/02/07	4 PLACES ±	SJKG	2017/10/31				
▽ = 0	ADDED NOTE ON SHEET 1	3 PLACES ±	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING			
▽ = 0	EC NO: 171930	2 PLACES ± 0.13	KNAGANNA	2017/11/22				
▽ = 0	DRWN: SJKG	1 PLACE ± 0.25	APPR BY	DATE	SERIES MATERIAL NUMBER CUSTOMER			
▽ = 0	CHKD: SJKG	0 PLACES ±	EMEDINA02	2017/11/22				
▽ = 0	REV: ARAYBURN	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	205897	SEE P/N TABLE	GENERAL MARKET	
▽ = 0			D		DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER	
					2058971052	PSD	000	2 OF 3

LEG ID LABEL



CABLE ID LABEL



P/N (SEE P/N TABLE)
 X.XM = LENGTH AS SHOWN IN TABLE
 XXAWG = AWG SIZE

YYDDLSSSS
 YY = LAST TWO DIGITS OF THE YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 = US
 2 = MEXICO
 3 = CHINA
 4 = PHILIPPINES
 SSSS = (0001-9999)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS	F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 0 = 0	ADDED NOTE ON SHEET 1 EC NO: 171930 DRWN: SJKG CHKD: SJKG REV APPR: ARAYBURN	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 1:1				ZQSFP+ TO 4ZSFP+ PAM4 56G CBL ASSY				
			ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±								
DRWN BY: SJKG DATE: 2018/02/07			DRWN BY: SJKG DATE: 2017/10/31		CHKD BY: KNAGANNA DATE: 2017/11/22		PRODUCT CUSTOMER DRAWING				
APPR BY: ARAYBURN DATE: 2018/02/07			APPR BY: EMEDINA02 DATE: 2017/11/22		DRAWING SIZE: D THIRD ANGLE PROJECTION						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER: 2058971052	DOC TYPE: PSD	DOC PART: 000	SHEET NUMBER: 3 OF 3	