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RoHS



ELECTRICAL SPECIFICATION @25°C

PHY

SCHEMATIC

RJ

URNS RATIO

(2-1-3) : (23-24-22)
 (5-4-6) : (20-21-19)
 (8-7-9) : (17-18-16)
 (11-10-12) : (14-15-13)

1CT : 1CT
 1CT : 1CT
 1CT : 1CT
 1CT : 1CT

POLARITY

CH1, CH2, CH3, CH4

2°&23°, 5°&20°
 8°&17°, 11°&14°

INDUCTANCE

(2-3) = (5-6) = (8-9) = (11-12)

160µH MIN
 @100kHz, 100mVrms

HIPOT

1500Vrms

INSERTION LOSS

FREQ(MHz)	1	2-50	200	400	500
MAX (dB)	1.0	0.5	1.0	2.0	3.0

RETURN LOSS

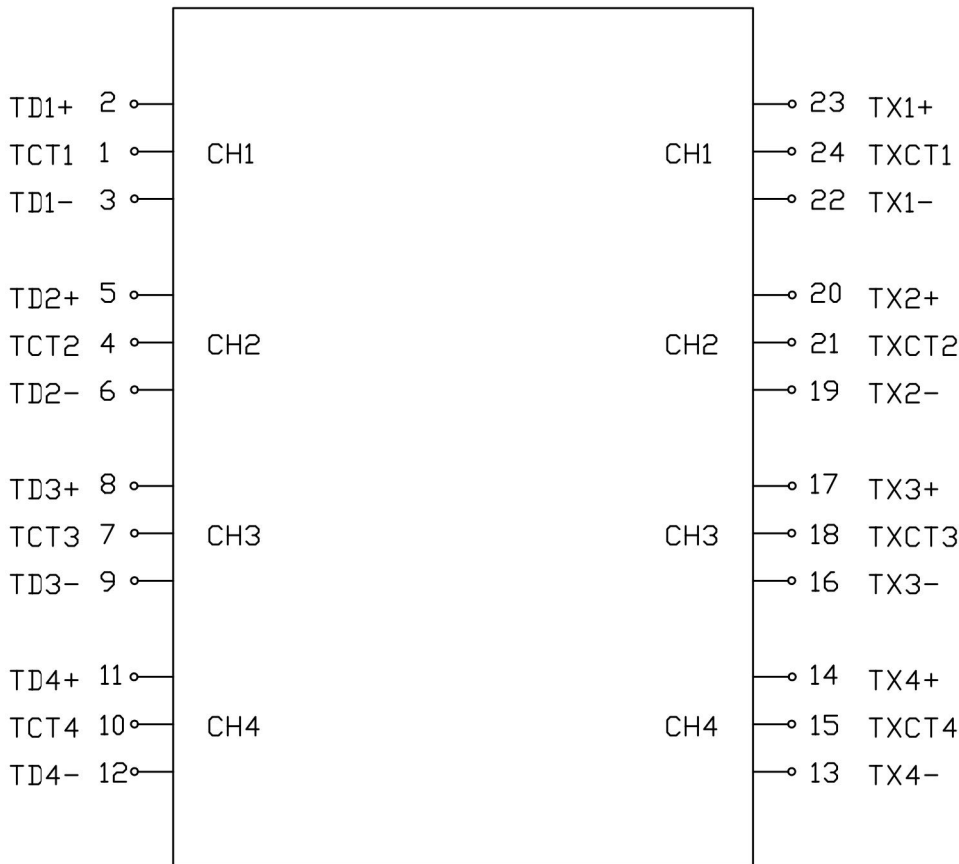
FREQ(MHz)	1	2-100	200	400	500
MIN (dB)	18	13	10	7	6

COMM. TO DIFF. MODE REJECTION RATIO

FREQ(MHz)	50	100	200	300	400	500
MAX (dB)	30	30	30	22	22	22

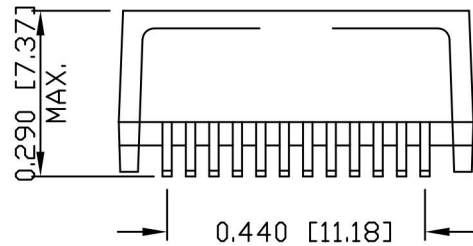
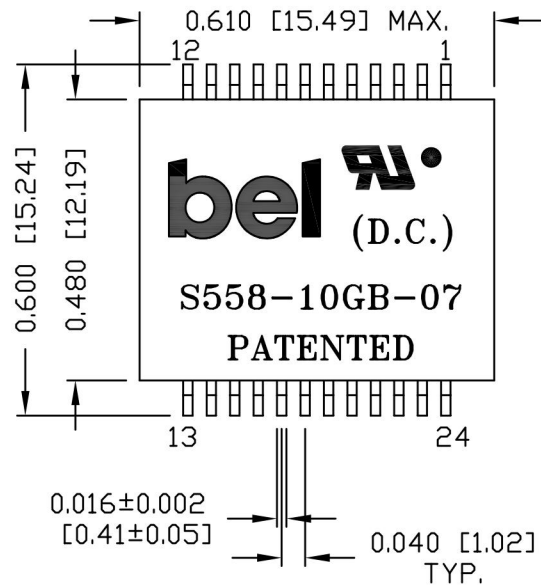
COMM. TO COMM. MODE REJECTION RATIO

FREQ(MHz)	50	100	200	300	400	500
MAX (dB)	30	30	28	22	21	20

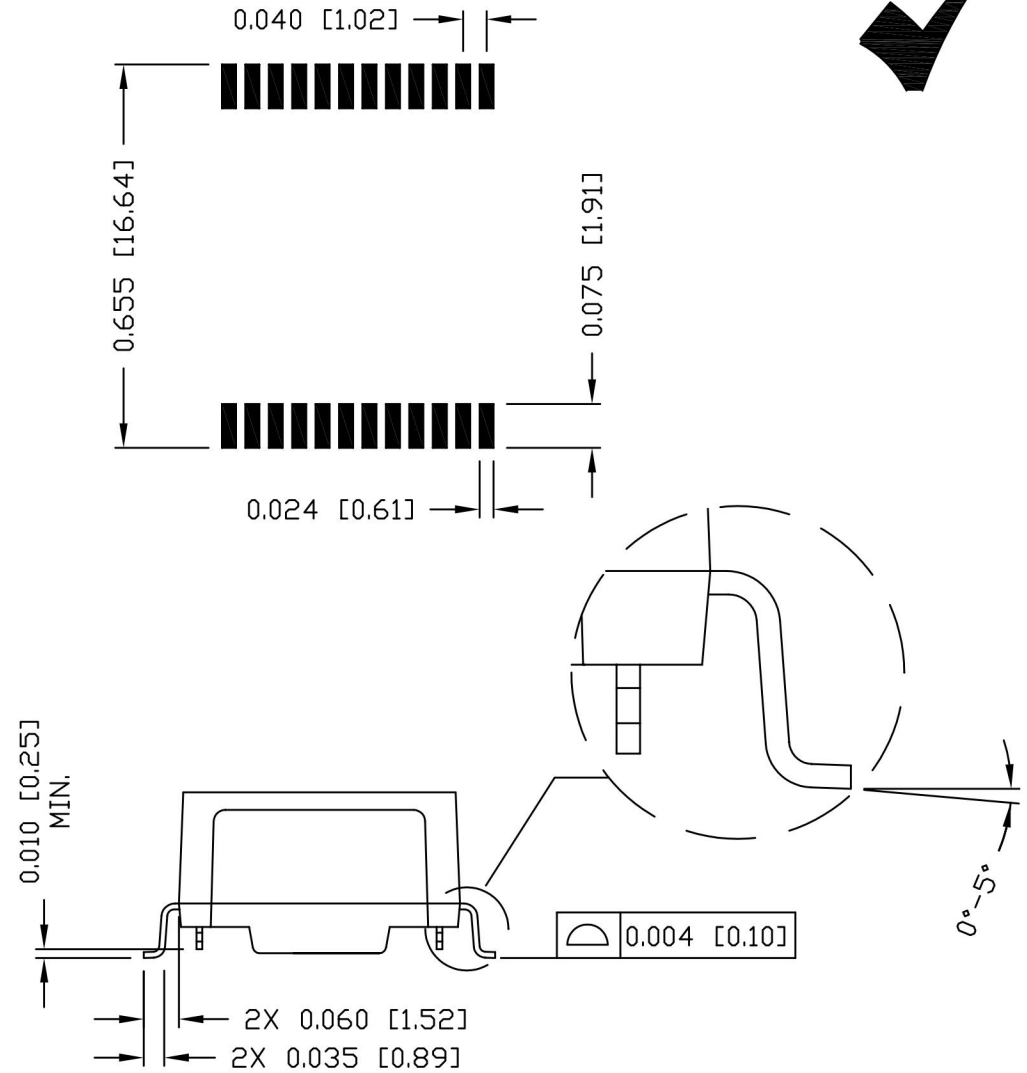


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.	REV. : A	PAGE : 2
Alice Pang	2016-06-03	ELECTRICAL SPECIFICATION	S558-10GB-07	TOL. IN INCH	UNIT : INCH [mm]	 POWER PROTECT CONNECT	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A		
ZC Guo	2016-06-03		S55810GB07A.DWG	.XX	SIZE : A4		
				.XXX			

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SUGGESTED PCB PAD LAYOUT



- NOTES:
 1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
 2. PACKAGE CODE: "QABS001A".
 3. PATENT NO : U.S. PAT. 7429195 ; 7924130

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.	REV. : A	PAGE : 3
Lawrence Tsang	2016-06-03	MECHANICAL SPECIFICATION	S558-10GB-07	TOL. IN INCH	UNIT : INCH [mm]	 POWER PROTECT CONNECT	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A		
ZC Guo	2016-06-03		S55810GB07A.DWG	.XX ±0.01	SIZE : A4		
				.XXX ±0.005			