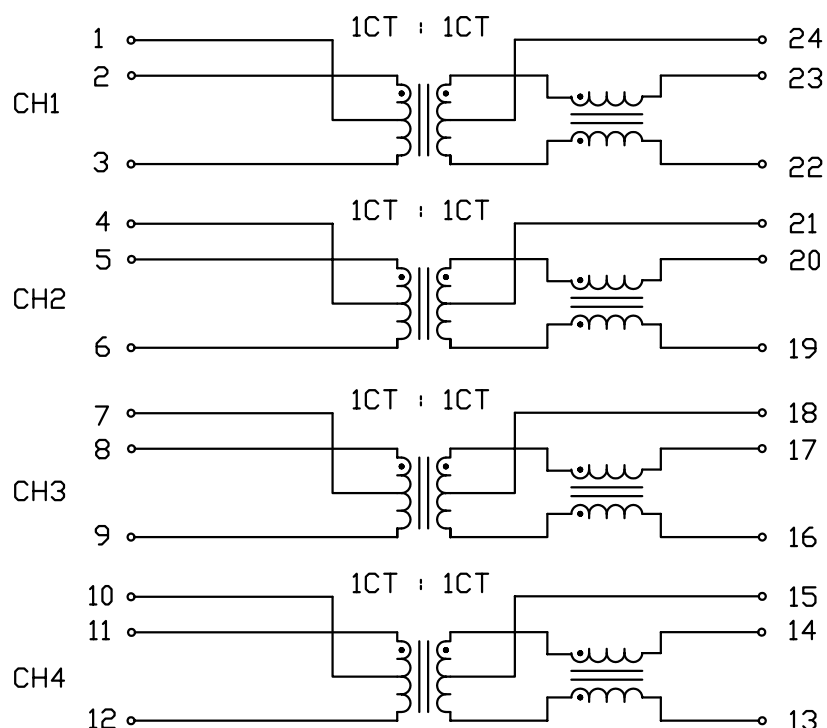


PRELIMINARY



ELECTRICAL SPECIFICATION @25°C

SCHEMATIC



TURNS RATIO

(2-3) : (23-22)
(5-6) : (20-19)
(8-9) : (17-16)
(11-12) : (14-13)

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

POLARITY

2°&23°, 5°&20°
8°&17°, 11°&14°

QCL

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

@100kHz, 100mV
62μH MIN

INSERTION LOSS

FREQ(MHz)	1-100	200	300	400	500
dB MAX	1.0	1.25	1.6	2.0	2.5

RETURN LOSS

FREQ(MHz)	1	10-100	200	300	400-500
dB MIN	18	20	18	15	10

CM TO DM

REJECTION RATIO

FREQ(MHz)	50	100	200	300	400	500
dB TYP	48	42	36	33	30	28

CM TO CM

REJECTION RATIO

FREQ(MHz)	50	100	200	300	400	500
dB TYP	30	27	24	22	21	20

HIPOT

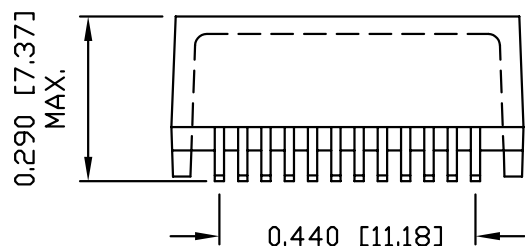
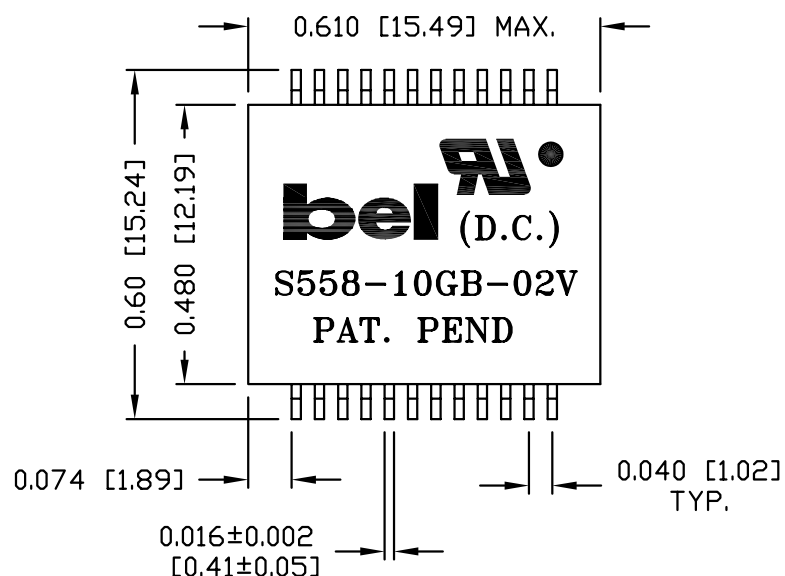
1500Vrms

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CH CHAN	12-16-10	ELECTRICAL SPECIFICATION	S558-10GB02V	.X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
HY ZHANG	12-16-10	S558-10GB-02V	S55810GB02VPA.DWG	.XXX	PAGE : 2



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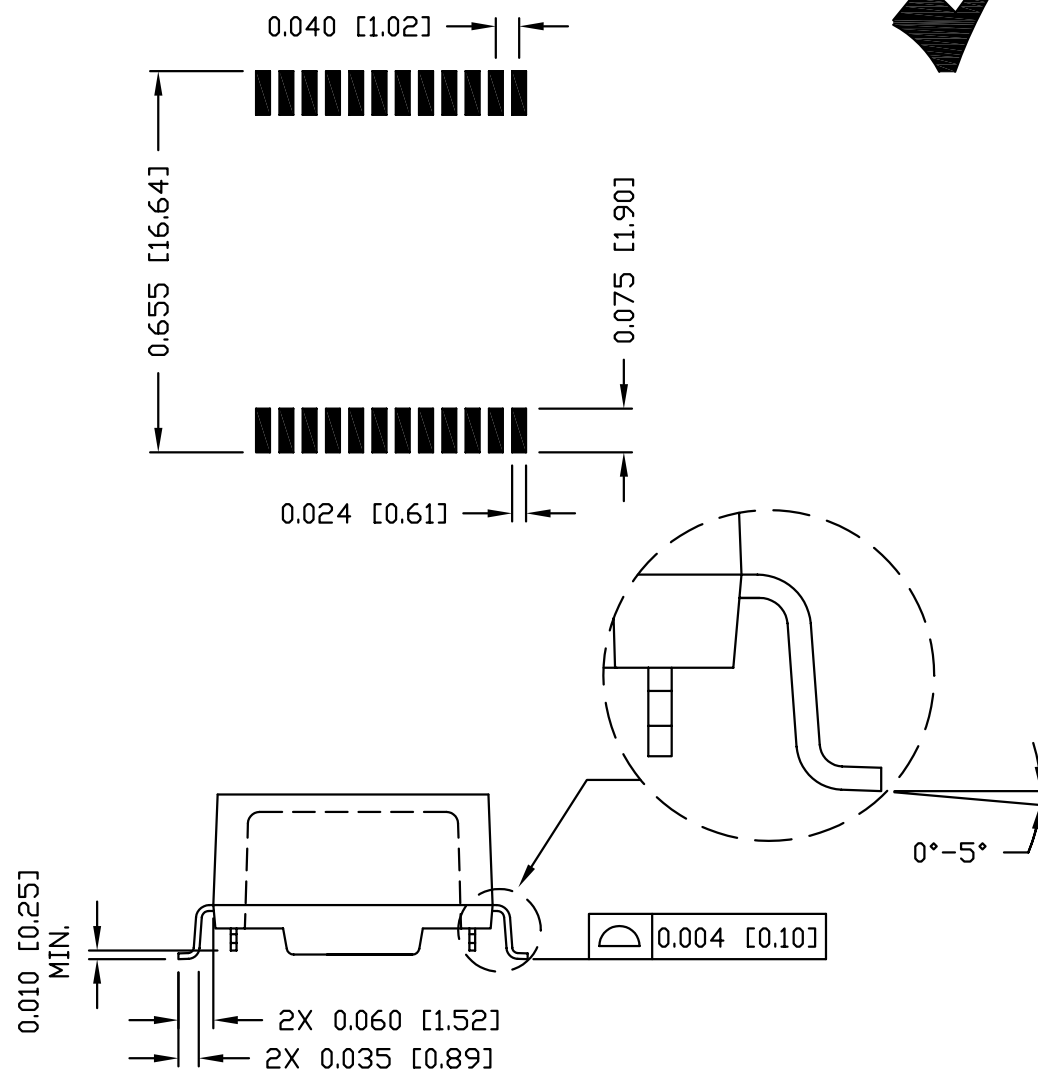
PRELIMINARY



NOTES:

1. STANDARD MARKING REFER TO DDC. HAND-WORK-04.
2. PACKAGE CODE: "QABS001A".

SUGGESTED PCB PAD LAYOUT



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
LAWRENCE TSANG	12-16-10	MECHANICAL OUTLINE	S558-10GB02V	.X	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE	S558-10GB-02V	FILE NAME	.XX ±0.01	SCALE : N/A	SIZE : A4
HY ZHANG	12-16-10		S55810GB02VPA.DWG	.XXX ±0.005		PAGE : 3

