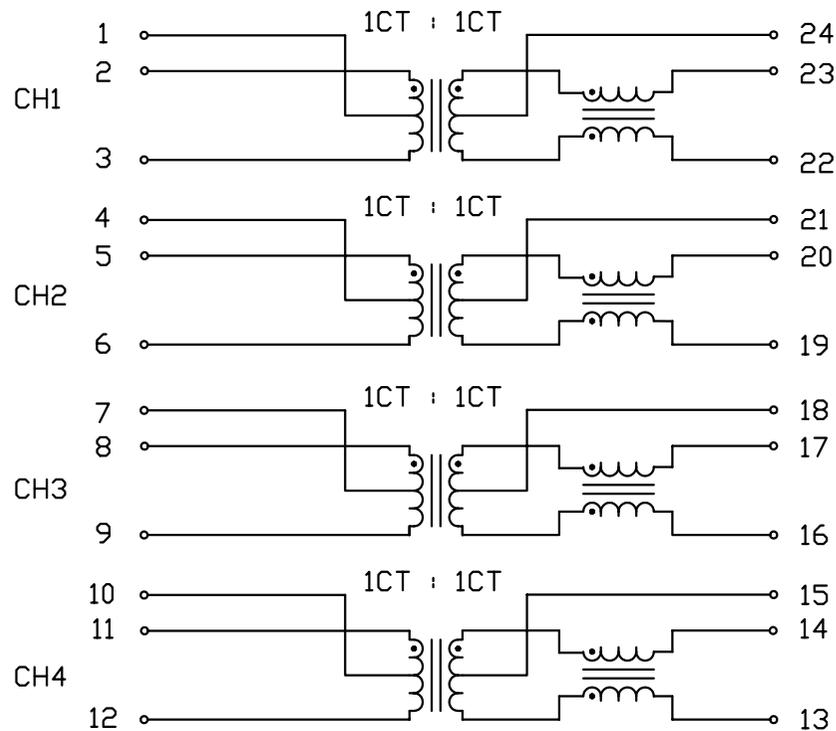


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ELECTRICAL SPECIFICATION @25°C

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°

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

DESIGNED TO SUPPORT 57V, 100W APPLICATIONS WHEN USING ALL 4 CHANNELS

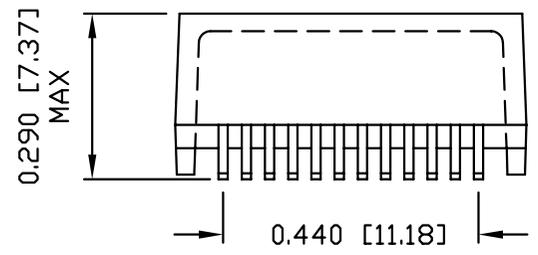
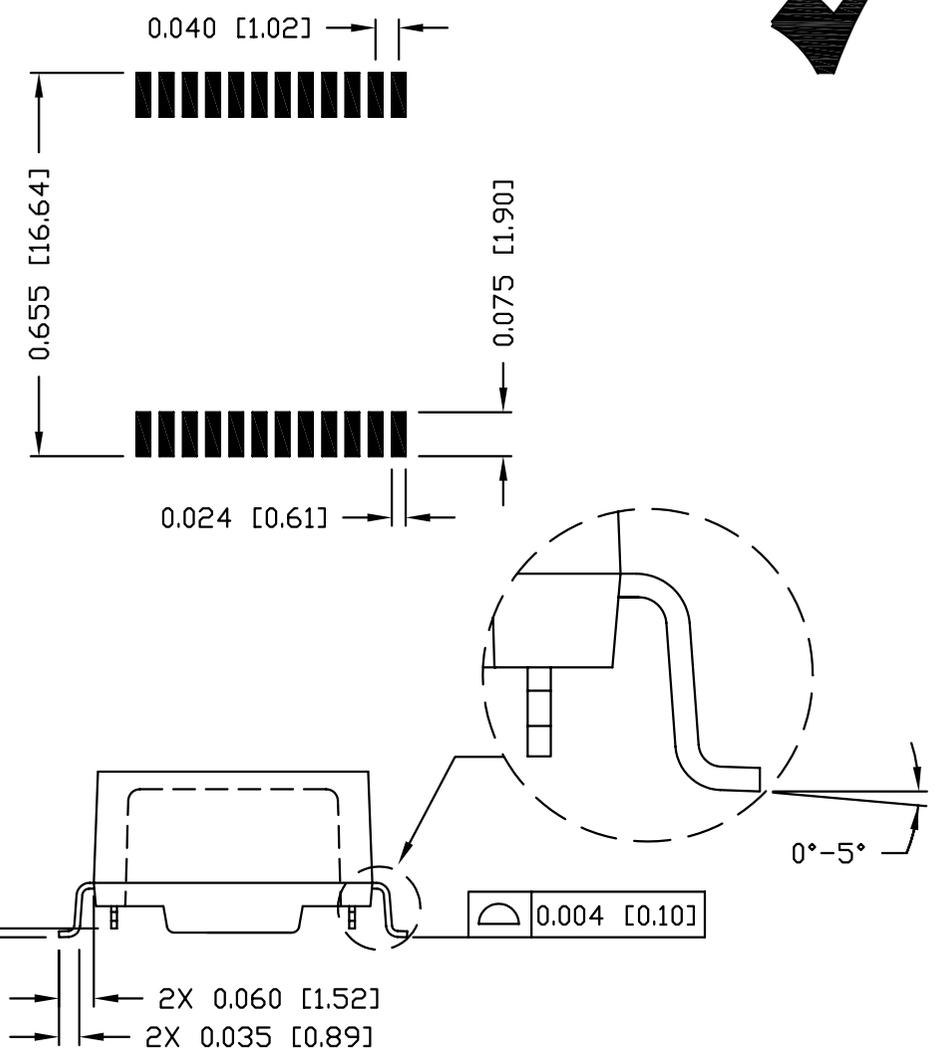
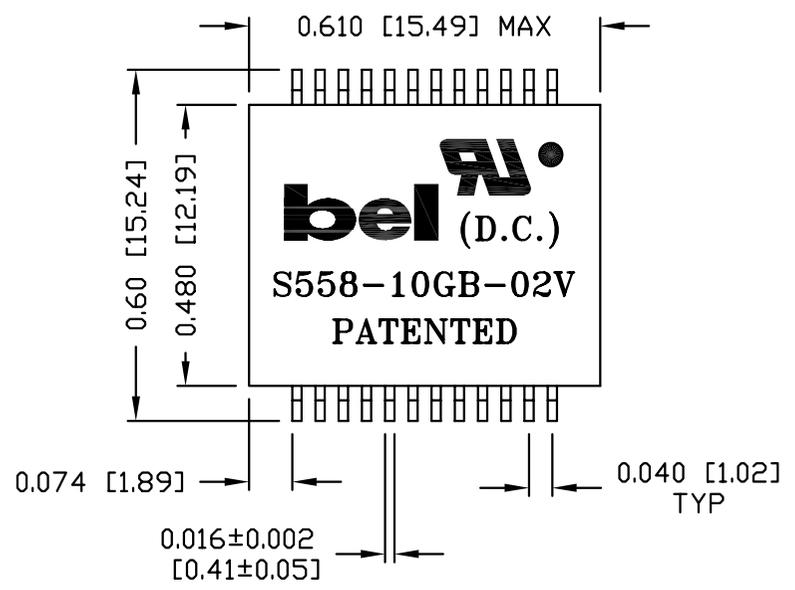
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CH Chan	2012-05-08	ELECTRICAL SPECIFICATION	S558-10GB02V	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE	S558-10GB-02V	FILE NAME	.XX	SCALE : N/A SIZE : A4
HY Zhang	2012-05-08		S55810GB02VB.DWG	.XXX	⊕ PAGE : 2



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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 Lawrence Tsang	DATE 2012-05-08	TITLE MECHANICAL OUTLINE S558-10GB-02V	PART NO. / DRAWING NO. S558-10GB02V	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		REV. : B	bel
				TOL. IN INCH		UNIT : INCH [mm]	SIZE : A4		
DRAWN BY HY Zhang	DATE 2012-05-08		FILE NAME S55810GB02VB.DWG	.X		SCALE : N/A		PAGE : 3	COMPONENTS FOR A CONNECTED PLANET
				.XX	±0.01				
				.XXX	±0.005				