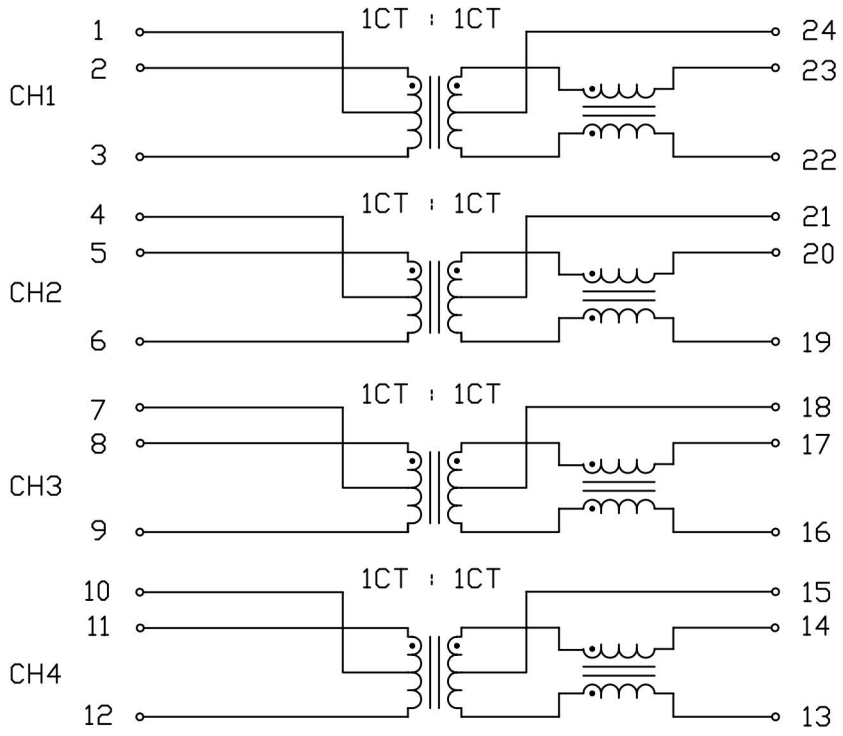
RoHS

SCHEMATIC



ELECTRICAL SPECIFICATION @25°C

TURNS RATIO	
(2-3) : (23-22)	1CT : 1CT
(5-6) : (20-19)	1CT : 1CT
(8-9) : (17-16)	1CT : 1CT
(11-12) : (14-13)	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

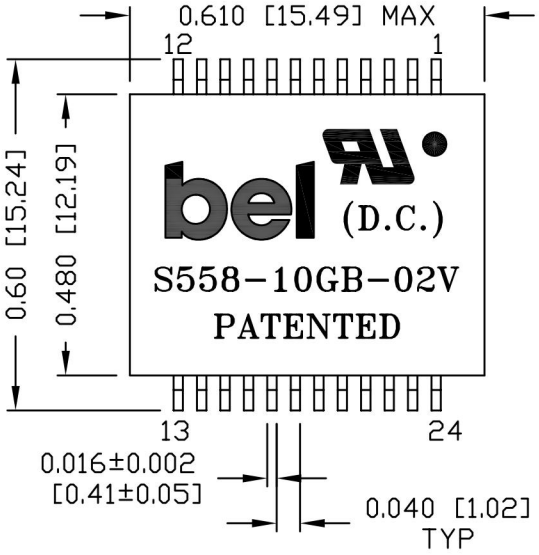
DESIGNED TO SUPPORT 57V, 100W APPLICATIONS WHEN USING ALL 4 CHANNELS

REV. : C | PAGE : 2

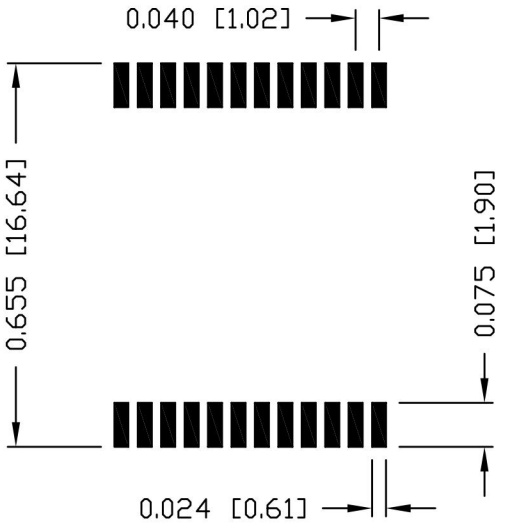
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.
Alice Pang	2015-03-04	ELECTRICAL SPECIFICATION S558-10GB-02V	S558-10GB02V	.X	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A
ZC Guo	2015-03-04		S55810GB02VC.DWG	.XXX	SIZE : A4

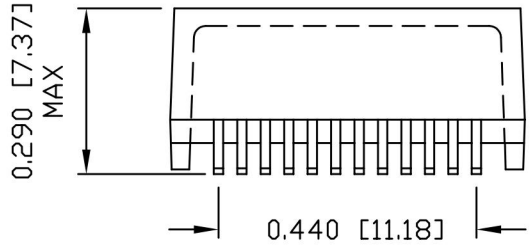
bel POWER | PROTECT | CONNECT

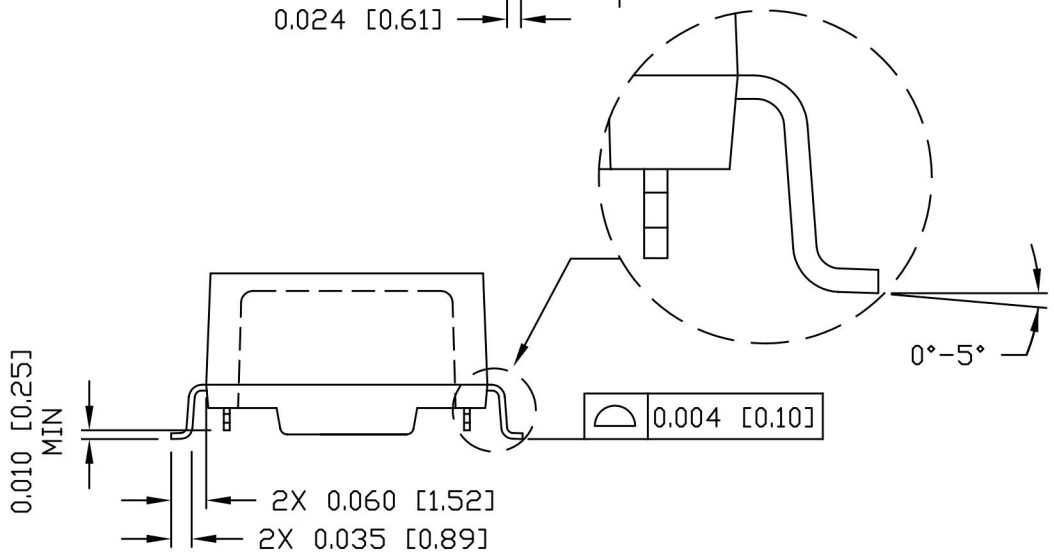
RoHS



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

REV. : D	PAGE : 3				
ORIGINATED BY / DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.	bel POWER | PROTECT | CONNECT
Lawrence Tsang 2016-01-25	MECHANICAL OUTLINE	S558-10GB02V	.X / .XX ±0.01 / .XXX ±0.005	UNIT : INCH [mm]	
DRAWN BY / DATE	S558-10GB-02V	FILE NAME		SCALE : N/A	
ZC Guo 2016-01-25		S55810GB02VD.DWG		SIZE : A4	