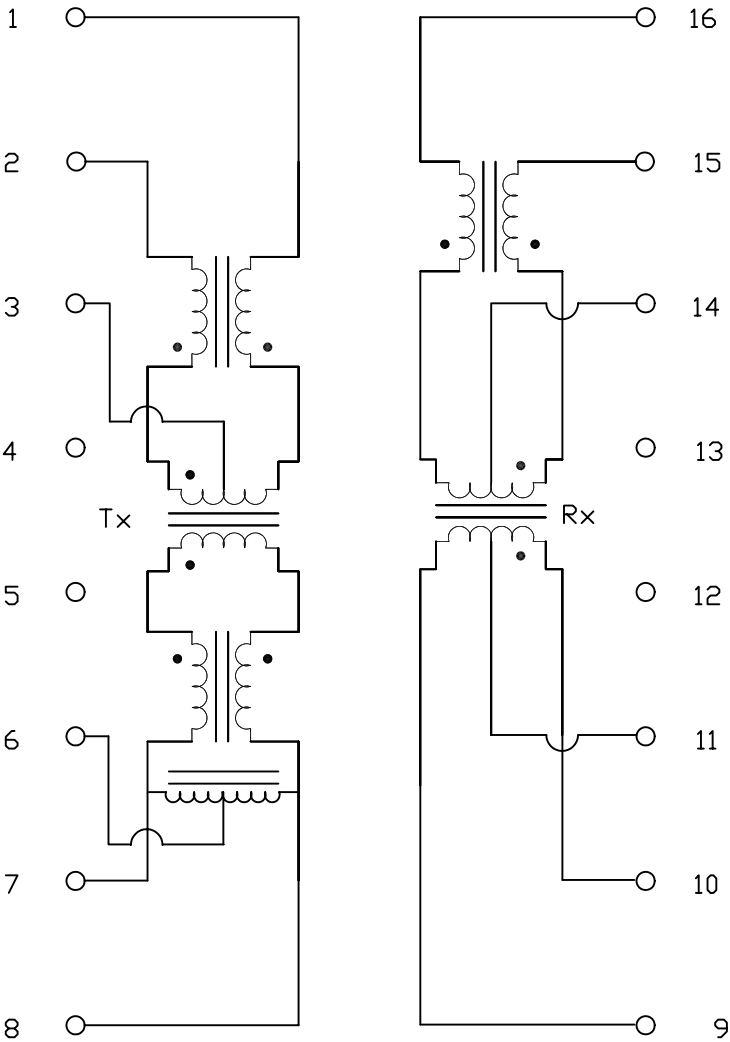




ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



URNS RATIO

(2-3-1):(7-6-8) Tx  
(15-14-16):(10-11-9) Rx

1cT : 1cT  
1cT : 1cT

PHASING

2 TO 7 AND 15 TO 10  
PER DOT CONVENTION

QCL

(1-2) OPEN 8 & 7  
(15-16) OPEN 10 & 9

350  $\mu$ H MIN. AT 100kHz  
0.1V rms WITH 8mA D.C. BIAS

INSERTION LOSS

1.0dB MAX AT 100kHz TO 100MHz

RETURN LOSS

MEASURED UNDER A 100  $\Omega$   
ENVIRONMENT

| FREQ. | 2MHz | 10MHz | 30MHz | 45MHz | 60MHz | 80MHz |
|-------|------|-------|-------|-------|-------|-------|
| MIN.  | 20dB | 20dB  | 19dB  | 16dB  | 12dB  | 12dB  |

CMDR

40dB MIN AT 100kHz TO 155MHz

CMRR

30dB MIN AT 100kHz TO 155MHz

CROSSTALK

30dB MIN AT 100kHz TO 155MHz

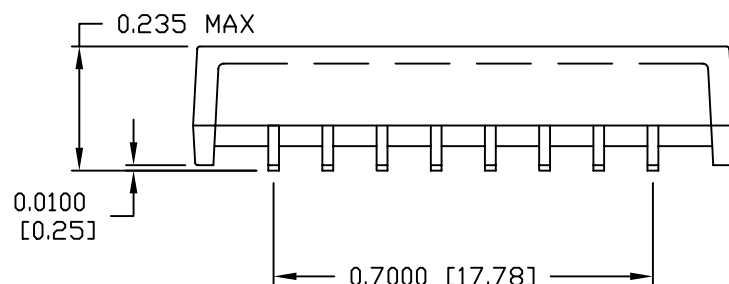
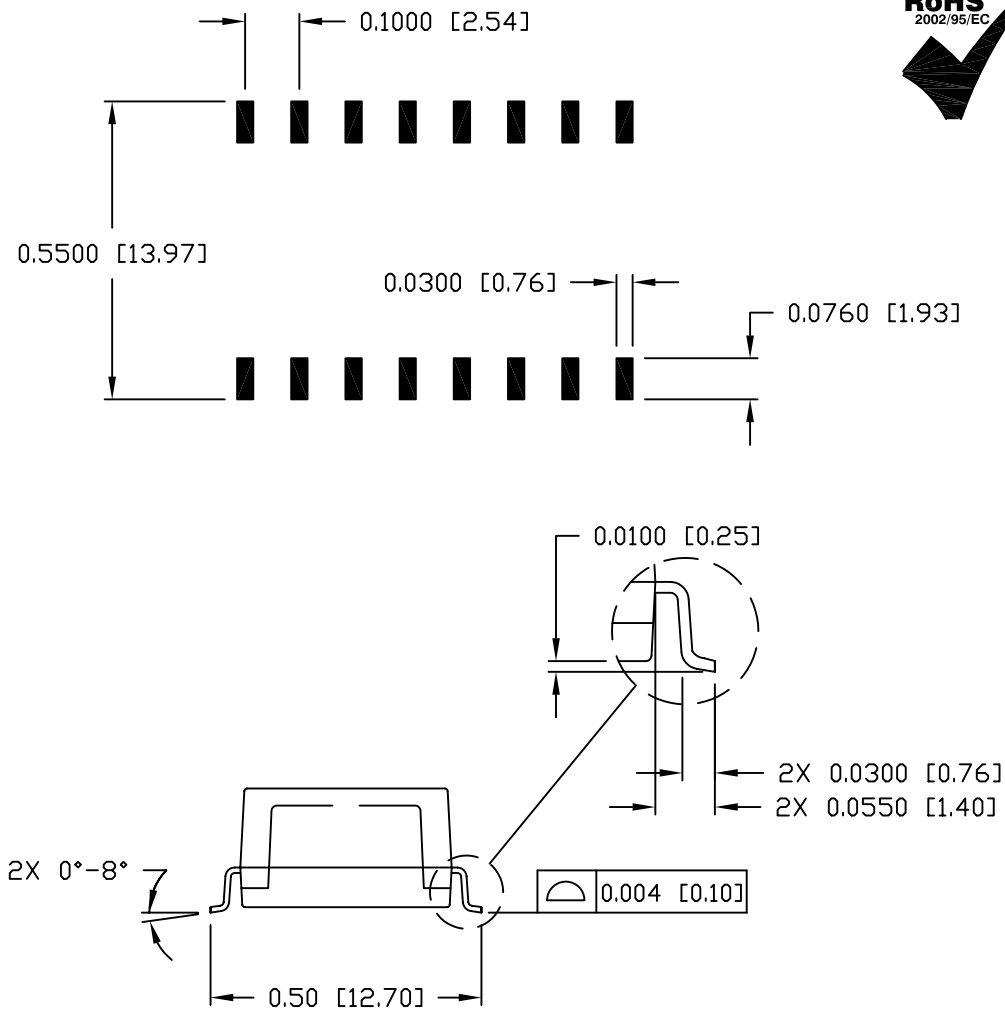
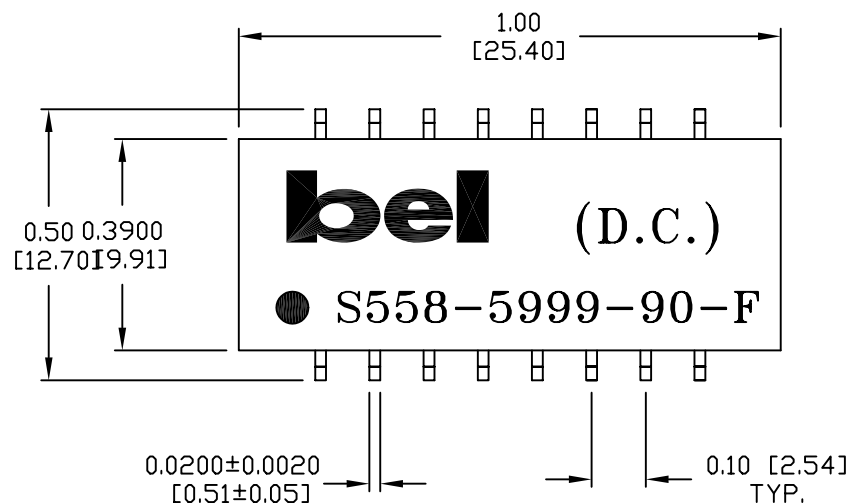
HIPOT

PER HAND-WORK-03

|               |          |                                                         |                        |              |      |                  |                                                                                       |                                                                                                                                                                                                                            |           |
|---------------|----------|---------------------------------------------------------|------------------------|--------------|------|------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ORIGINATED BY | DATE     | TITLE<br>ELECTRICAL SPECIFICATION<br><br>S558-5999-90-F | PART NO. / DRAWING NO. | TOL. IN INCH |      | UNIT : INCH [mm] | REV. : A                                                                              | <br><br>COMPONENTS FOR A<br>CONNECTED<br>PLANET  |           |
| 40            | 03-31-05 |                                                         | S558-5999-90-F         |              | .X   |                  | SCALE : N/A                                                                           |                                                                                                                                                                                                                            | SIZE : A4 |
| DRAWN BY      | DATE     |                                                         | FILE NAME              |              | .XX  |                  |  |                                                                                                                                                                                                                            | PAGE : 2  |
| DQ Chen       | 03-31-05 |                                                         |                        |              | .XXX |                  |                                                                                       |                                                                                                                                                                                                                            |           |

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# SUGGESTED PCB PAD LAYOUT



## NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RNS001".

|               |          |       |                        |                    |                |                                                                                       |           |                |      |        |
|---------------|----------|-------|------------------------|--------------------|----------------|---------------------------------------------------------------------------------------|-----------|----------------|------|--------|
| ORIGINATED BY | DATE     | TITLE | PART NO. / DRAWING NO. | TOL. IN INCH       |                | UNIT : INCH [mm]                                                                      | REV. : A  |                |      |        |
| HD            | 03-31-05 |       |                        | MECHANICAL DRAWING | S558-5999-90-F |                                                                                       |           | .X             |      |        |
| DRAWN BY      | DATE     |       |                        |                    |                |                                                                                       |           | FILE NAME      | .XX  | ±0.01  |
| DQ Chen       | 03-31-05 |       |                        |                    |                |                                                                                       |           | S558-5999-90-F | .XXX | ±0.005 |
|               |          |       |                        |                    |                |  | SIZE : A4 |                |      |        |
|               |          |       |                        |                    |                |                                                                                       | PAGE : 3  |                |      |        |

  
COMPONENTS FOR A  
CONNECTED  
PLANET

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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