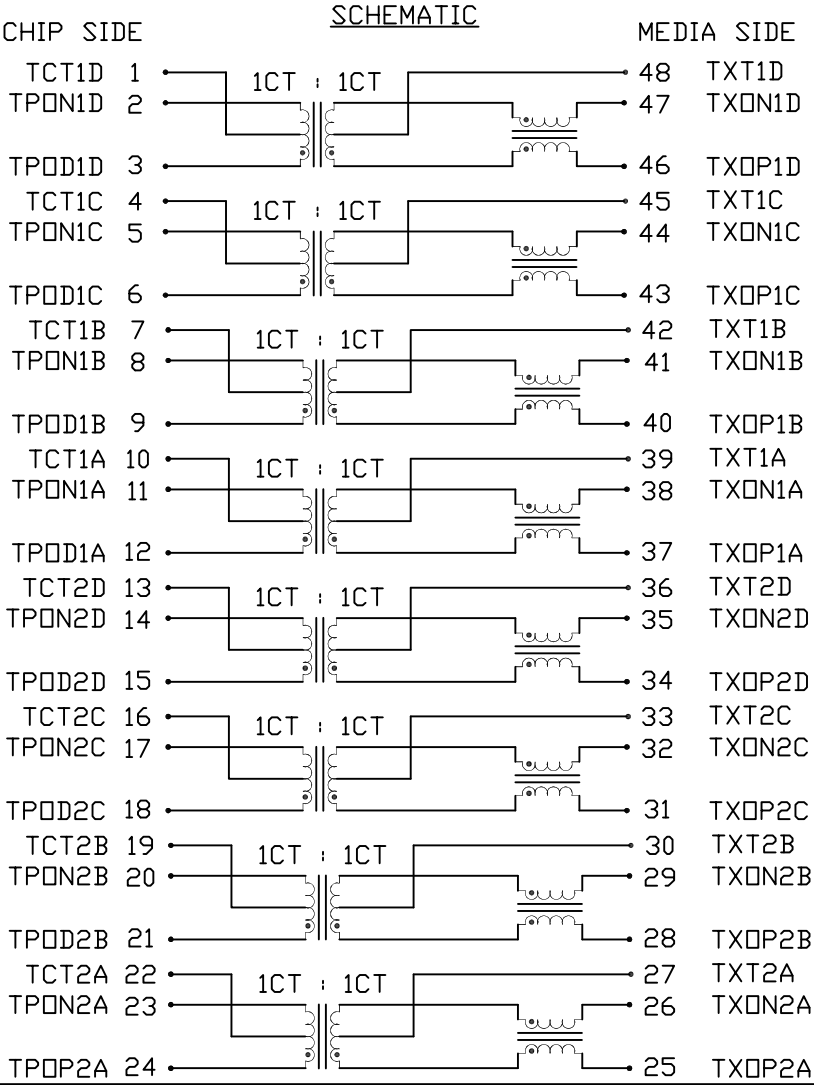


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ELECTRICAL CHARACTERISTICS @ 25°C

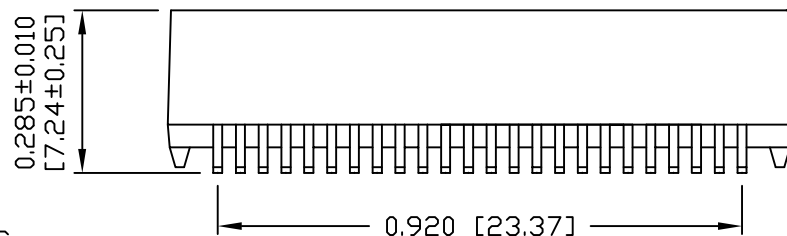
Turns Ratio	1CT : 1CT
Polarity	PER DOT CONVENTION
DCL	350μH MIN @100kHz, 100mV WITH 8mA DC BIAS PIN (46-47), (43-44), (40-41), (37-38) PIN (34-35), (31-32), (28-29), (25-26)
Insertion Loss	0.9dB MAX @1-100MHz 1.5dB MAX @125MHz
Return Loss	18dB MIN @0.5 TO 40MHz
Measured Under 100Ω Environment	12-20LOG(f/80MHz)dB MIN @40 TO 100MHz
Common to Common Mode Rejection	30dB MIN @0.3 TO 100MHz
Crosstalk	33-20LOG(f/100MHz)dB MIN @0.3 TO 100MHz
HIPOT	LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC
Operating Temperature	-40°C TO +85°C

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.
Alice Pang	2021-01-27	ELECTRICAL SPECIFICATION	S558-5999-BQ-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
ZC Guo	2021-01-27		S5585999BQFA.DWG	.XX	SIZE : A4
				.XXX	

REV. : A PAGE : 2


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RoHS



1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QVS001".

Technical drawing of a mechanical part, likely a connector or probe tip, showing top and side views with dimensions in inches and millimeters.

Top View Dimensions:

- Overall width: 0.645 [16.38]
- Top edge thickness: 0.040 [1.02]
- Bottom edge thickness: 0.024 [0.61]
- Bottom edge width: 0.070 [1.78]
- Corner radius: R0.005 [R0.13]
- Side edge radius: R0.005 [R0.13]
- Bottom edge chamfer: 0°-5°
- Bottom edge width: 2X 0.035 [0.89]
- Bottom edge width: 2X 0.060 [1.52]

Side View Dimensions:

- Overall height: 0.004 [0.10]

ORIGINATED BY	DATE	TITLE MECHANICAL OUTLINE S558-5999-BQ-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REF.	
Lawrence Tsang	2021-01-27		S558-5999-BQ-F	TOL. IN INCH		UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	
ZC Guo	2021-01-27		S5585999BQFA.DWG	.XX	±0.01	SIZE : A4	
			.XXX	±0.005			



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