

HR619612E

Electrical Specification @25°C

RoHS Compliant (PB Free)

Operating Temperature Range: -40°C ~ +85°C

Isolation: 1500Vrms 0.5mA 60sec (Primary to Secondary)

OCL: 350uH Minimum @100KHz 100mV with 18mADC

Insertion Loss: -1.0dB Maximum @1MHz ~ 30MHz / -1.8dB Maximum @100MHz
-3.0dB Maximum @125MHz

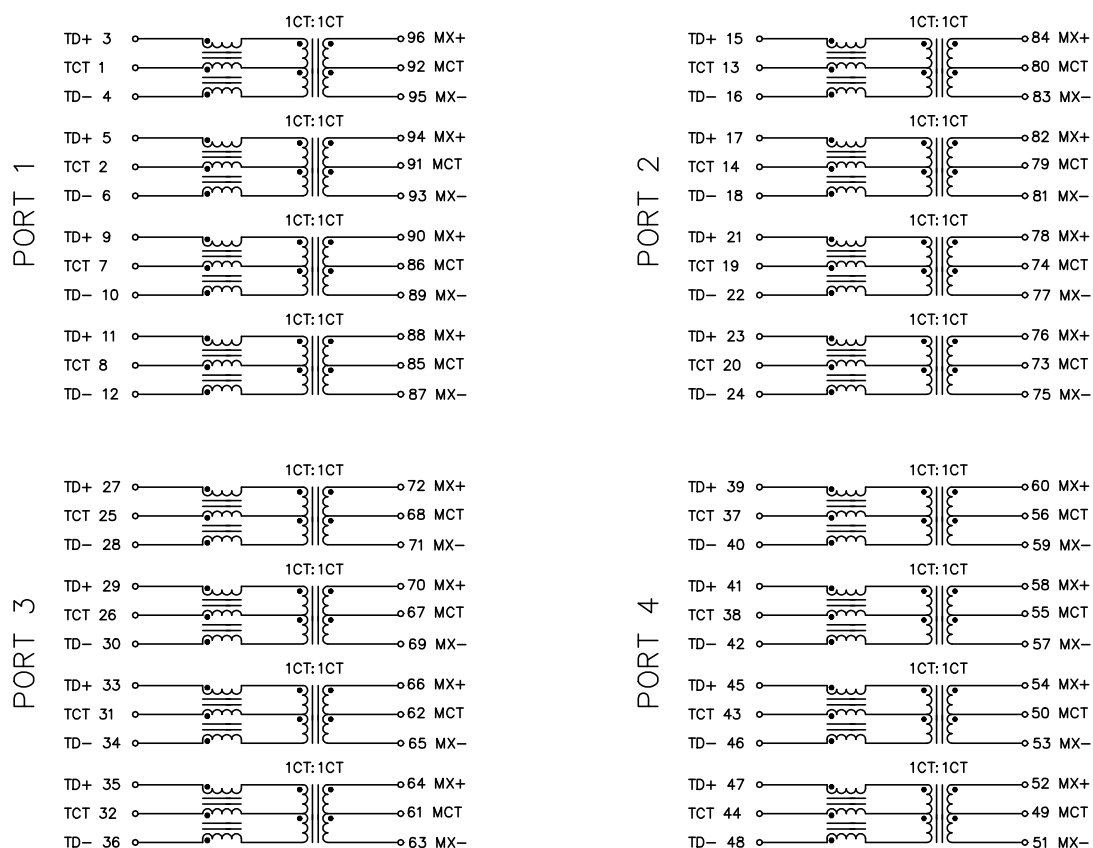
Return Loss: -20dB Minimum @1MHz / -18dB Minimum @30MHz
-14.4dB Minimum @60MHz / -12dB Minimum @80MHz
-10dB Minimum @100MHz

Common Mode Rejection: -30dB Minimum @125MHz / -20dB Minimum @250MHz
-18dB Minimum @375MHz / -18dB Minimum @500MHz
-15dB Minimum @625MHz ~ 1000MHz

Crosstalk: -50dB Minimum @1MHz / -43dB Minimum @30MHz
-38dB Minimum @60MHz / -33dB Minimum @100MHz

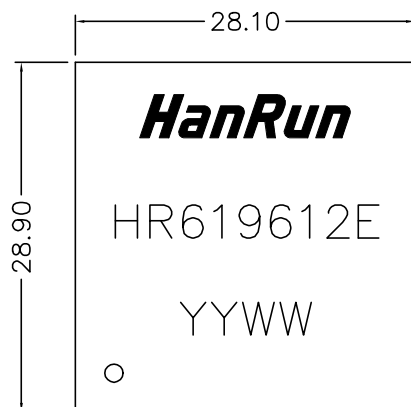
Designed To Support 57VDC, 840mA Max. per channel (95W Max. per PORT)

Schematics

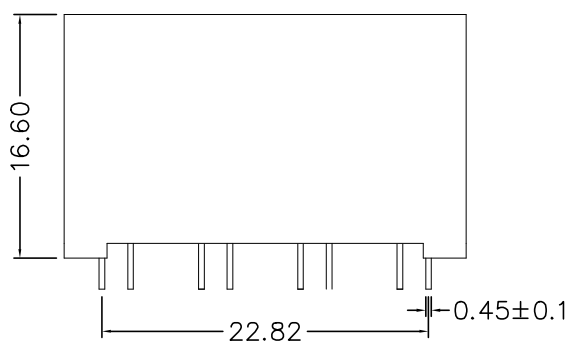


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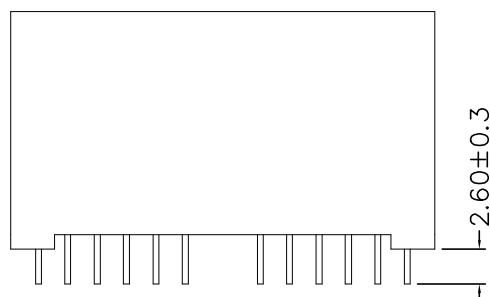
Mechanical Dimensions



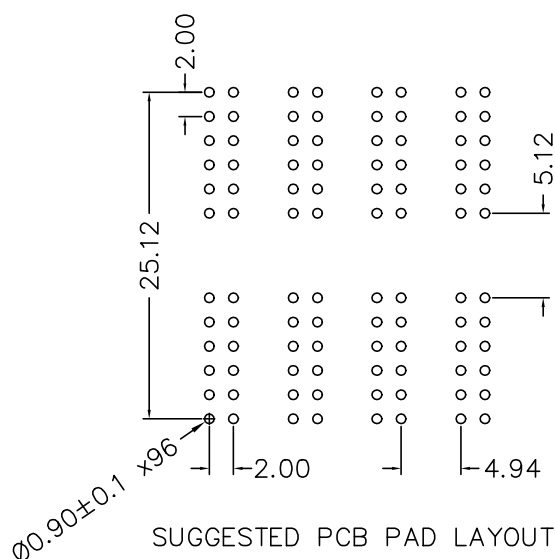
Top View



Front View



Side View



PORT1	PORT2	PORT3	PORT4
91 ○ Q85	79 ○ Q73	67 ○ Q61	55 ○ Q49
92 ○ Q86	80 ○ Q74	68 ○ Q62	56 ○ Q50
93 ○ Q87	81 ○ Q75	69 ○ Q63	57 ○ Q51
94 ○ Q88	82 ○ Q76	70 ○ Q64	58 ○ Q52
95 ○ Q89	83 ○ Q77	71 ○ Q65	59 ○ Q53
96 ○ Q90	84 ○ Q78	72 ○ Q66	60 ○ Q54
6 ○ Q12	18 ○ Q24	30 ○ Q36	42 ○ Q48
5 ○ Q11	17 ○ Q23	29 ○ Q35	41 ○ Q47
4 ○ Q10	16 ○ Q22	28 ○ Q34	40 ○ Q46
3 ○ Q9	15 ○ Q21	27 ○ Q33	39 ○ Q45
2 ○ Q8	14 ○ Q20	26 ○ Q32	38 ○ Q44
1 ○ Q7	13 ○ Q19	25 ○ Q31	37 ○ Q43

Pin Assignments

Dimensions in mm

Unless otherwise specified, Tol.: .xx ±0.25

REV.: 00

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