ELECTRICAL

IMPEEDANCE: 100 ± 5 Ω (DIFFERENTIAL TDR)

CAPACITANCE: 43 pF / W NOMINAL

PROP DELAY: 4.3 ns / W NOMINAL

SKOW (WITHIN PAIR) ≤ 98 ps / 10 M (REF ≤ 3 ps / FT) (TD Murray, DRAM GROUNDED)
(DIFFERENTIAL 50%-50%, Tektronix 11601, SD-24/SD-28 SAMPLING HEADS)

SKOW (PAIR/PAIR) ≤ 350 ps / 10 M (REF ≤ 10.6 ps / FT) (TD Murray, DRAM GROUNDED)
(DIFFERENTIAL 50%-50%, Tektronix 11601, SD-24/SD-28 SAMPLING HEADS)

ATTENUATION (NOMINAL): 4.1 dB / 10 M @ 140 MHz
5.4 dB / 10 M @ 231 MHz
7.3 dB / 10 M @ 420 MHz
9.4 dB / 10 M @ 683 MHz

CROSSTALK: BETTER THAN 80 dB, 1 MHz TO 1 GHz, BOTH NEAR AND FAR END

APPROVALS

UL / CSA: UL CL2 CSA FT4 75°C

PHYSICAL

SHELLED PARALLEL PAIRS, QUANTITY PER CHART ON SHEET 2

26 AWG SOLID SILVER PLATED COPPER (.0126 NOM DIA)
.0345 NOM DIAMETER FOAM POLYOLEFIN, WHITE, OTHER BLUE TINT
PARALLEL PAIR WITH DRAM: 26 AWG SOLID TINNED COPPER
.001 ALUMINUM POLYESTER, SPIRAL, FOIL IN, 20% MIN OVERLAP
(COLORED & NUMBERED PER CHART ON SHEET 2)

LAMINATE: .003 CLEAR PVC
PAIR SPACING: PER FIGURE ON SHEET 2
CABBING: RIBBON STAGGER-SLIT PER SHEET 2, TWISTED TO ROUND
WITH RIGHT HAND LAY
OVERALL SHEILD {1}: .001 ALUMINUM POLYESTER, SPIRAL, FOIL OUT,
20% MIN OVERLAP
OVERALL SHEILD {2}: .36 AWG TINNED COPPER BAND, 85% MIN COVERAGE
JACKET: BLACK PVC, WALL THICKNESS PER CHART
DIAMETER: PER CHART
PRINT LEGEND: SPECTRA-STRIP SKW CLEAR® # PAIR 28 AWG
(UL) 75°C CL2 CSA AWM LII A 75°C 300V FT-4
( # PER CHART )

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

DRAWN BY: PROD ENG: QA: Mkt: P/ZON #:

DRAWING NO. 165-2899-941/960

TITLE: ROUND CABLE, LVDS SHELLED PAIRS,
100Ω, 28 AWG SKW CLEAR®

AMPHENOL SPECTRA-STRIP OPERATIONS

720 Sherman Ave Tel (203) 281-3200
Haddan CT. 06514 Fax (203) 281-5872
Rev 2
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