



DOCUMENT CONTROL  
PRODUCTION RELEASE

PHYSICAL

SHIELDED PARALLEL PAIR

20 AWG SOLID SILVER PLATED COPPER

.094 NOM DIA FOAM POLYOLEFIN, WHITE, RED TINT

PARALLEL PAIR WITH DRAIN: 22 AWG SOLID SILVER PLATED COPPER

SHIELD: .001 ALUMINIZED POLYESTER, FOIL IN, WHITE

WRAPS: (2) CLEAR POLYESTER, HEAT SEALED

.001 ALUMINIZED POLYESTER, FOIL OUT, 20% MINIMUM OVERLAP

38 AWG TINNED COPPER BRAID, 85% MIN COVERAGE

JACKET: .014 NOMINAL WALL PVC, BLACK

CONFIDENTIAL

ELECTRICAL

IMPEDANCE: 105 Ω ± 5 Ω (DIFFERENTIAL TDR)

CAPACITANCE: 40 pF / M NOMINAL

PROP DELAY: 4.25 ns / M NOM

SKEW (WITHIN PAIR): ≤ 80 ps / 10 M (TDT METHOD, DRAIN GROUNDED)

(DIFFERENTIAL 50%-50%, TEKTRONIX TDS-8000 OR 11801)

ATTENUATION (NOMINAL): 0.66 dB / M @ 2 GHz

CONFORMANCE: RoHS COMPLIANT

(PENDING: UL AWM 30V 80°C VW1)

REVISION	CHANGES
1	SILVER PLATED DRAIN

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

DRAWN BY GPV 01-16-08	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 160-2099-990	<b>AMPHENOL SPECTRA-STRIP</b> 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev 1
TITLE: SHIELDED PAIR, 105 OHM, 20 AWG					RoHS SKEWCLEAR®		Sheet 1 of 1