



REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	635	INITIAL RELEASE	6/8/2005	TT

PART NUMBER CODING  
E\_C04DKWN-S297

PLATING (PER BELLCORE SPEC. GR-1217-CORE)  
ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
X = .000030" GOLD	.000100" TIN/LEAD
Z = .000010" GOLD	.000100" TIN/LEAD
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE

■ = LEAD FREE, RoHS COMPLIANT

- NOTES:
1. INSULATOR MATERIAL: PBT
  2. CONTACT MATERIAL: PHOSPHOR BRONZE
  3. PLATING: SEE PART NUMBER CODING
  4. TEMPERATURE: -65 °C TO +125 °C
  5. PROCESSING TEMP: 260 °C FOR 10 SECONDS MAX
  6. UL FLAMMABILITY RATING: 94V-0
  7. VOLTAGE RATING: 1800 VDC MINIMUM AT SEA LEVEL.
  8. CURRENT RATING: 3 AMP PER CONTACT PAIR
  9. VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT
  10. INSULATION RESISTANCE: 5000 MEGA OHM
  11. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE
  12. CONTACT NORMAL FORCE: 75 GRAMS MINIMUM
  13. DURABILITY: 500 CYCLES MINIMUM
  14. BOARD THICKNESS ACCOMMODATED: .032 ± .008"
  15. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .032" TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
  16. BOARD WITHDRAWL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .032" PCB
  17. MODIFICATION: .300" MAX BODY WIDTH, .020" STANDOFF, NO CONTACT ID, .170" ROW SPACING FOR .032" BOARD

DAUGHTER CARD LAYOUT

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 1° XX = ± .02 [ .508] .XXX = ± .005 [ .1270] XXXX = ± .0005 [ .0127] PARENTHEetical INFORMATION IS FOR REFERENCE ONLY	DATE 5/25/2005	NAME TT
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984	PART NUMBER E_C04DKWN-S297	
SIZE C	DWG. NO. C10471	REV A
SCALE: 4:1	SHEET 1 OF 1	