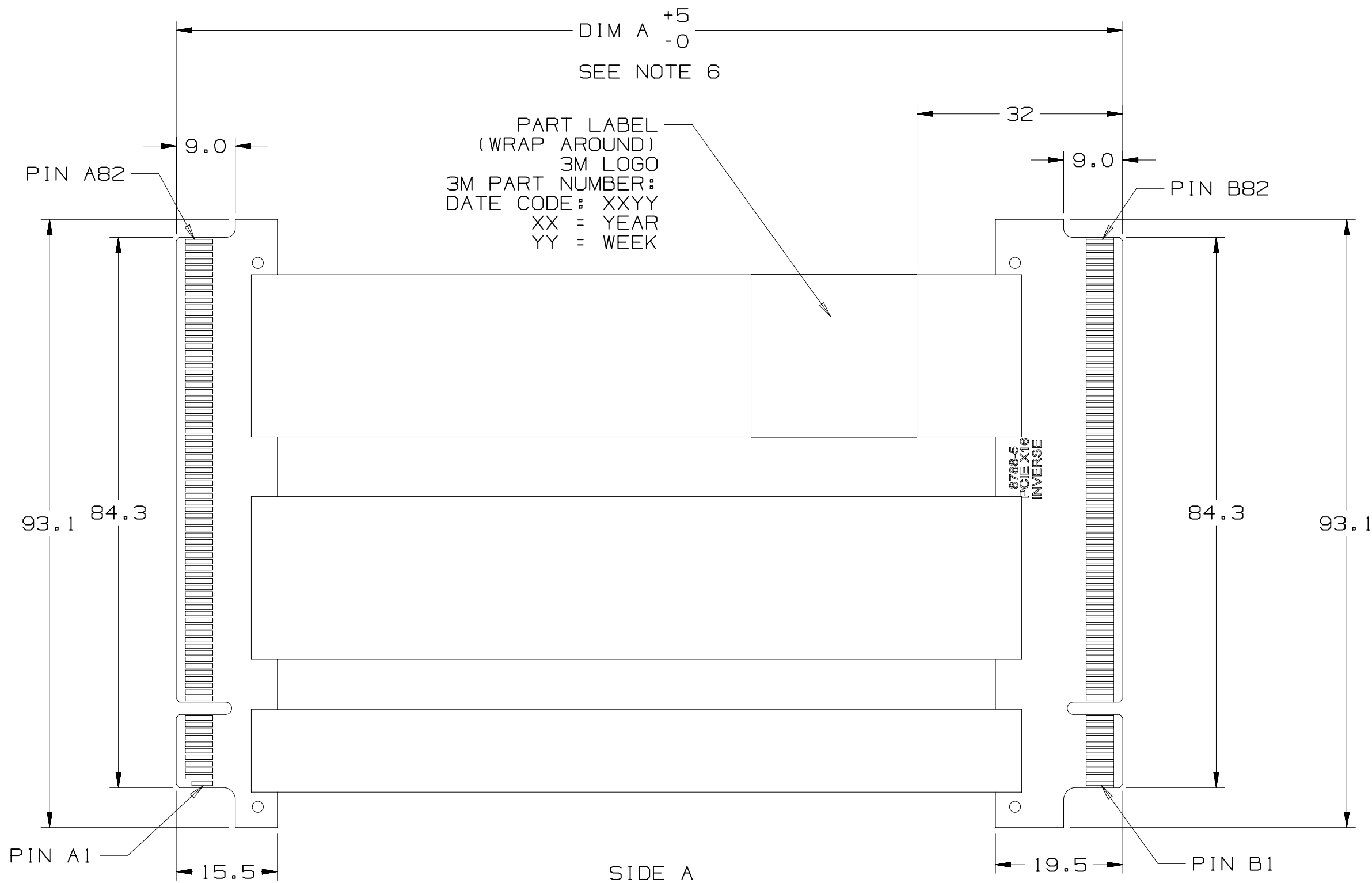
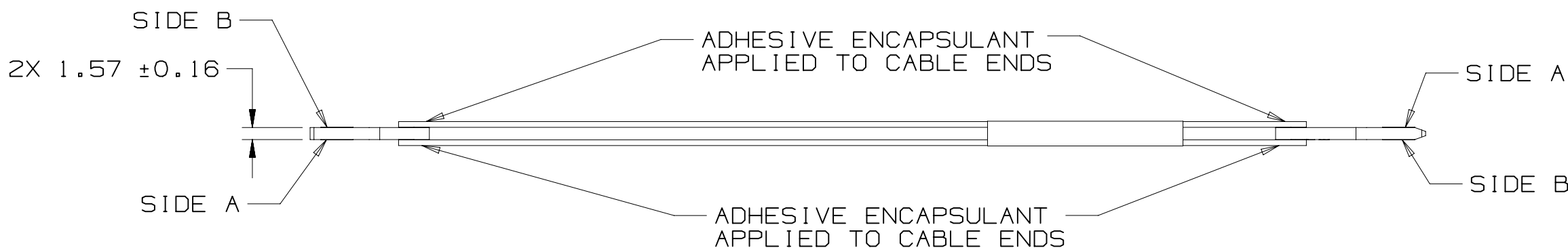
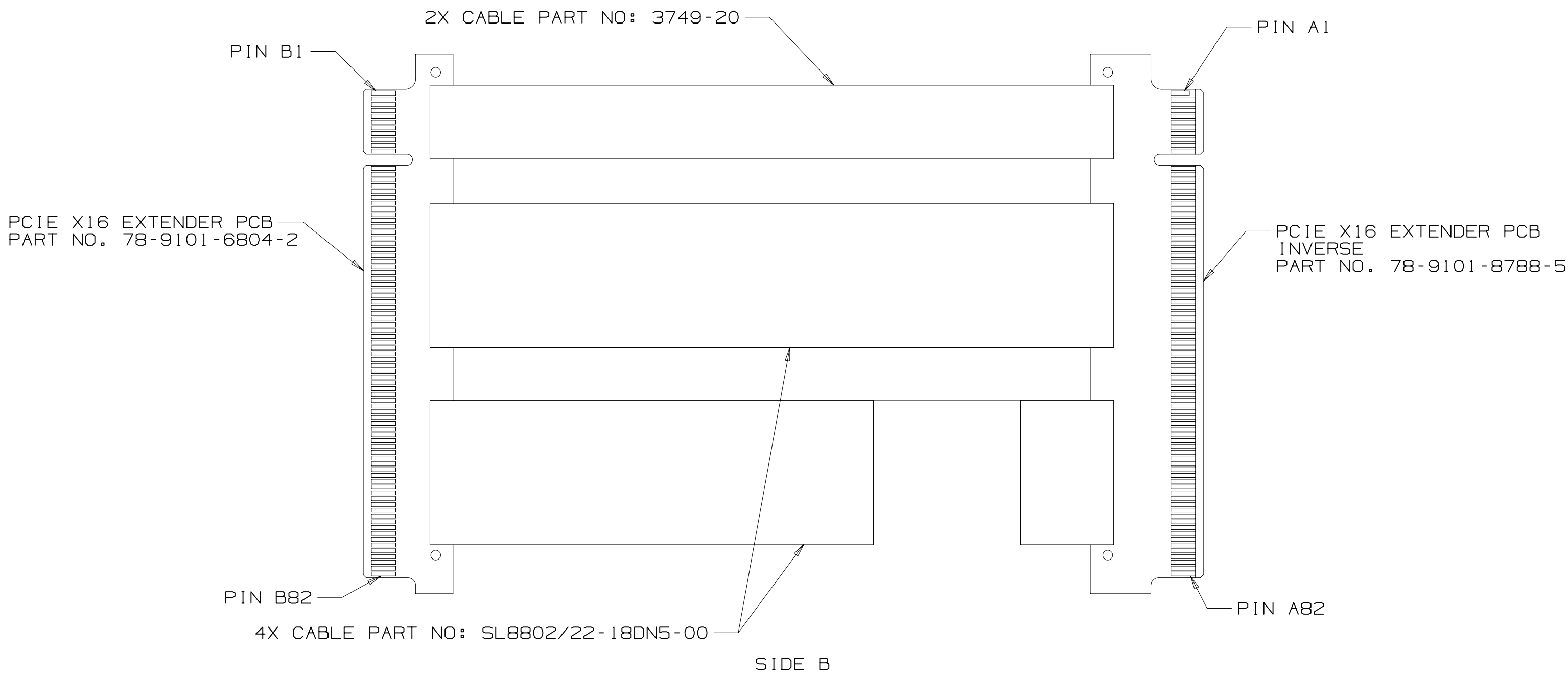


3M™ TWIN AXIAL PCI EXPRESS X16 MALE-TO-MALE CABLE ASSEMBLY



BILL OF MATERIALS			
	ITEM	DESCRIPTION	QTY
1.0	PCB	PCIE X16 EXTENDER (164 POS) CARD-EDGE INVERSE 3M P/N: 78-9101-8788-5	1
2.0	PCB	PCIE X16 EXTENDER (164 POS) CARD-EDGE 3M P/N: 78-9101-6804-2	1
3.0	CABLE	RIBBON TWIN AX CABLE 3M P/N: SL8802/22-18DN5-00	4
4.0	CABLE	RIBBON CABLE, 20 POSITION 3M P/N: 3749-20	2
5.0	STRAIN RELIEF	ADHESIVE	AS REQUIRED

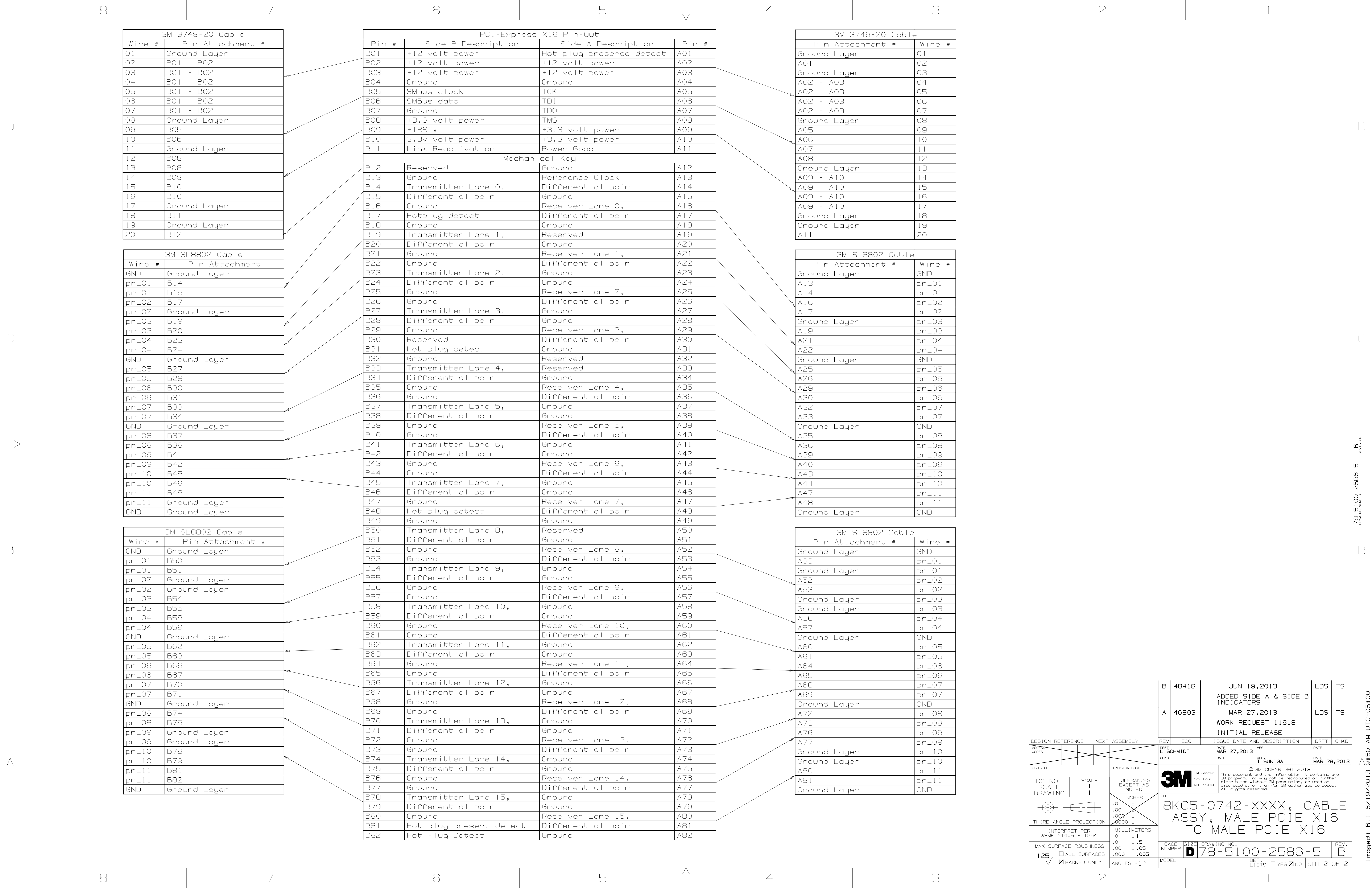
- NOTES
- DIMENSIONS ARE IN MILLIMETERS.
 - 3M™ RIBBON TWINAX DESCRIPTION:
30 AWG, SILVER PLATED SIGNAL WIRE
IMPEDANCE: 85 ±5 OHM
OVERALL RIBBON WIDTH: 24.90 MM
OVERALL RIBBON THICKNESS: 0.75 MM
 - ROHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "ROHS COMPLIANCE" SECTION AT WWW.3MCONNECTORS.COM (E1 & C1 APPLY)
 - THIS CABLE CONSTRUCTION HAS A THIN ALUMINUM LAYER AT EACH EDGE. USER SHOULD EVALUATE ITS USE IN THEIR APPLICATION AND, IF NECESSARY, INSULATING TAPE MAY BE APPLIED TO COVER THE ALUMINUM LAYER, AS USER DEEMS APPROPRIATE.
 - APPLICABLE SPECIFICATIONS:
PRODUCT SPECIFICATION NUMBER:
TWIN AX CABLE: PS-0106
CABLE ASSEMBLY: PS-0137
 - ORDER BY APPLICABLE 3M PART NUMBER:
8KC5-0742-XXXX

XXXX = DIM 'A' IN MILLIMETERS
(1000 = 1 METER)

STANDARD LENGTH (DIM 'A')
8KC5-0742-0250 (250 MM)
8KC5-0742-0500 (500 MM)

NON-STANDARD LENGTHS AVAILABLE UPON SPECIAL REQUEST. MAY REQUIRE HIGHER MOQS AND LONGER LEAD TIMES.
 - FLAMMABILITY RATING:
TWIN AX CABLE: UL94 HB
PCBS: UL94V-0
 - PADDECARD FINGER GOLD THICKNESS: 0.76 µm [30 µ"] MIN ELECTROLYTIC HARD GOLD OVER 1.27 µm [50 µ"] MIN ELECTROLYTIC NICKEL.

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRFT	L SCHMIDT	DATE	MFG	DATE	
				CHKD		DATE		APPR	DATE
							T SUNIGA		MAR 28, 2013
DIVISION		DIVISION CODE		3M		© 3M COPYRIGHT 2013			
DO NOT SCALE DRAWING		SCALE 1/1		3M Center St. Paul, MN 55144		This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
		TOLERANCES EXCEPT AS NOTED		TITLE		8KC5-0742-XXXX, CABLE ASSY, MALE PCIE X16 TO MALE PCIE X16			
THIRD ANGLE PROJECTION				CAGE NUMBER		SIZE		DRAWING NO.	
INTERPRET PER ASME Y14.5 - 1994				D		78-510		2586-5	
MAX SURFACE ROUGHNESS				MODEL		DET.		REV.	
125 / ☐ ALL SURFACES						LISTS		☐ YES ☒ NO	
☒ MARKED ONLY						SHT		1 OF 7	



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3M:

[8KC5-0742-0250](#) [8KC5-0742-0500](#)