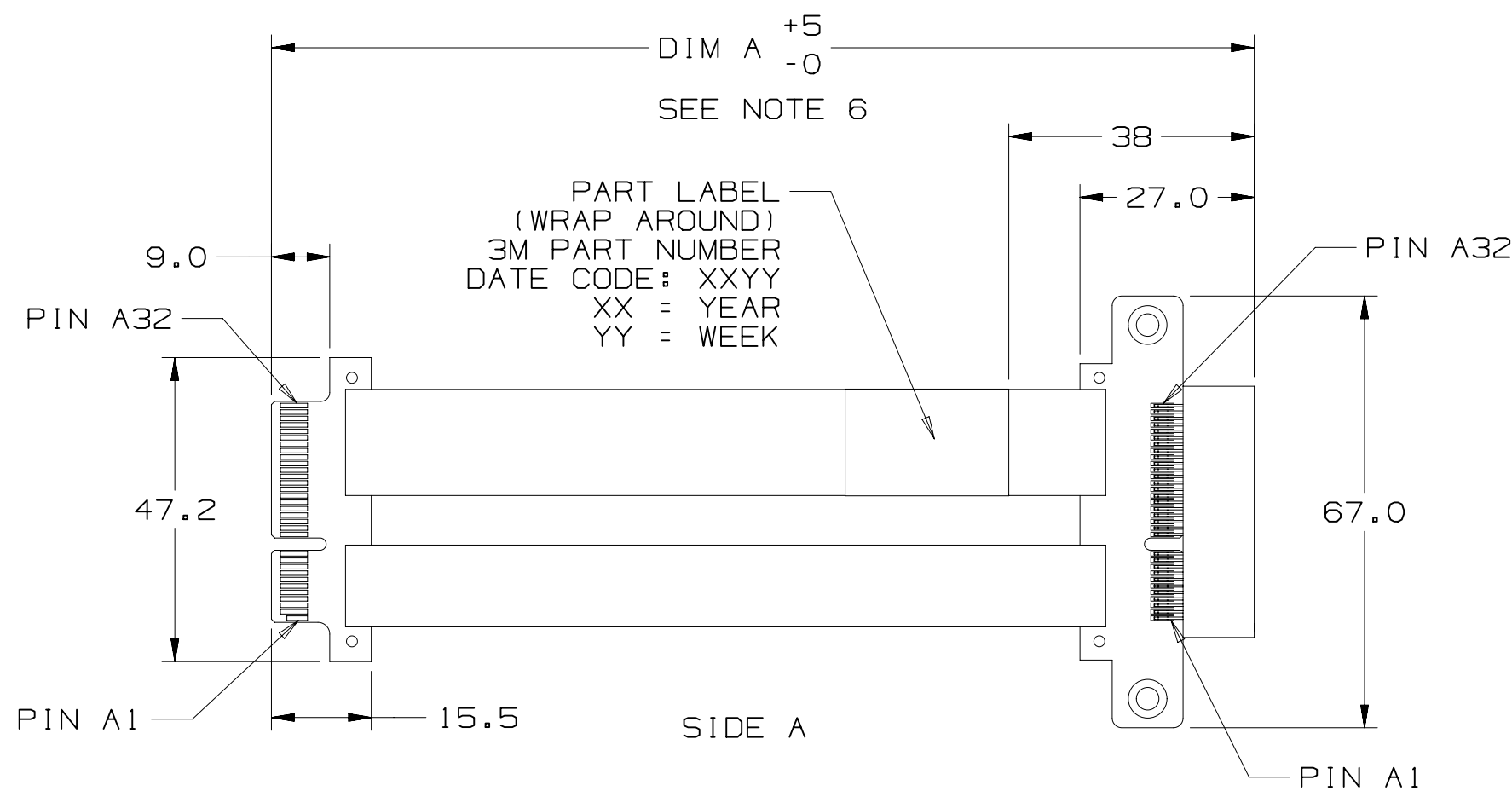
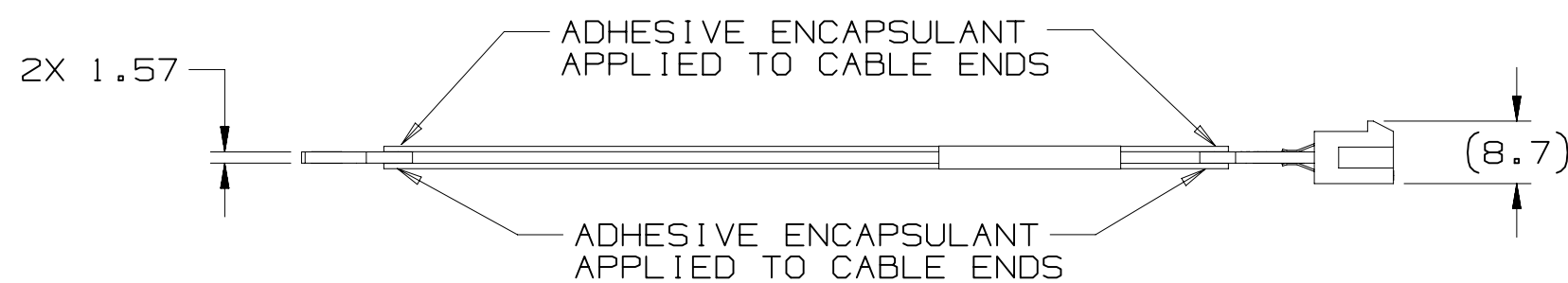
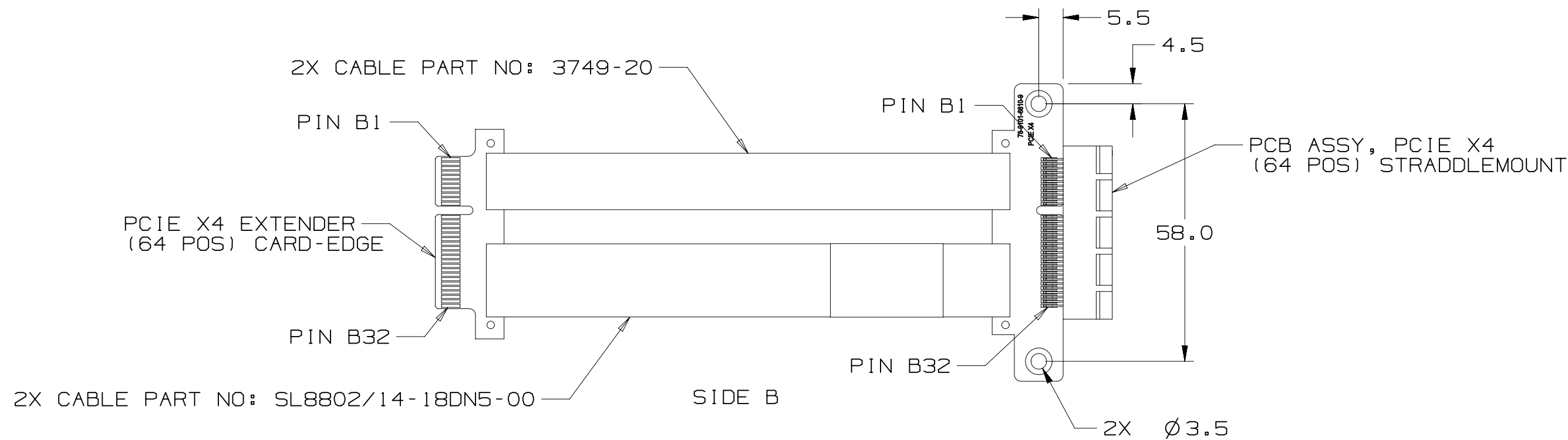


3M™ TWIN AXIAL CABLE ASSEMBLY
FOR PCIe X4 EXTENDER CARD APPLICATIONS



BILL OF MATERIALS			
	ITEM	DESCRIPTION	QTY
1.0	PBA	PCB ASSY, PADDLECARD, PCIe X4	1
1.1	PCB	PCIE X4 (64 POS) STRADDLEMOUNT 3M P/N: 78-9101-6810-9	1
1.2	CONN	CONNECTOR, PCIE 64 POSITION, FEMALE SOCKET	1
2.0	PCB	PCIE X4 EXTENDER (64 POS) CARD-EDGE 3M P/N: 78-9101-6809-1	1
3.0	CABLE	RIBBON TWIN AX CABLE 3M P/N: SL8802/14-18DN5-00	2
4.0	CABLE	RIBBON CABLE, 20 POSITION 3M P/N: 3749-20	2
5.0	STRAIN RELIEF	ADHESIVE	AS REQUIRED

DESIGN REFERENCE		NEXT ASSEMBLY	
DISTRIBUTION CODES			
DIVISION		DIVISION CODE	
DO NOT SCALE DRAWING	SCALE 1 1	TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES 0 ± .00 .000 ± .0000 MILLIMETERS 0 ± .00 .00 ± .005 ANGLES ± 1°	
MAX SURFACE ROUGHNESS 125 ✓	□ ALL SURFACES ☒ MARKED ONLY		

B	42467	AUG 06,2012		LDS	TS	
		REVISED NOTE 6				
A	40795	JUN 18,2012		LDS	TS	
		INITIAL RELEASE				
REV	ECO	ISSUE DATE AND DESCRIPTION			DRFT	CHKD
DRFT	L SCHMIDT	DATE	APR 09,2012		MFG	DATE
CHKD		DATE	APPVL		DATE	
		3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2012 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
TITLE						
8KJ1-0727-XXXX, CABLE ASSY, PCIE X4 BY PCIE X4 EXTENDER						
CAGE NUMBER	SIZE	DRAWING NO.				REV.
		78-5100-2521-2				B
MODEL		DET. LISTS ☐ YES ☒ NO			SHT 1 OF 2	

- 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 INNER LAYER EXPOSED AT EACH EDGE. USERS SHOULD ASSESS WHETHER THE EXPOSED EDGE PRESENTS A SHORTING RISK IN THEIR SPECIFIC APPLICATION. INSULATING TAPE MAY BE APPLIED AT THE CABLE ASSEMBLY LEVEL, AS NEEDED, TO COVER THE EXPOSED EDGE IN RISK AREAS.
 - APPLICABLE SPECIFICATIONS:
PRODUCT SPECIFICATION NUMBER:
 - ORDER BY APPLICABLE 3M PART NUMBER: 8KJ1-0727-XXXX

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

STANDARD LENGTH (DIM 'A')
8KJ1-0727-0250 (250 MM)
8KJ1-0727-0500 (500 MM)

NON-STANDARD LENGTHS AVAILABLE UPON SPECIAL REQUEST. MAY REQUIRE HIGHER MOQS AND LONGER LEAD TIMES. 150 MM MINIMUM LENGTH.
 - FLAMMABILITY RATING:
TWIN AX CABLE: UL94 HB
PCBS: UL94V-0
ADHESIVE STRAIN RELIEF: UL94 HB, (TBV)
 - PADDLECARD FINGER GOLD THICKNESS: 0.76 µm [30 µ"] MIN ELECTROLYTIC HARD GOLD OVER 1.27 µm [50 µ"] MIN ELECTROLYTIC NICKEL.

