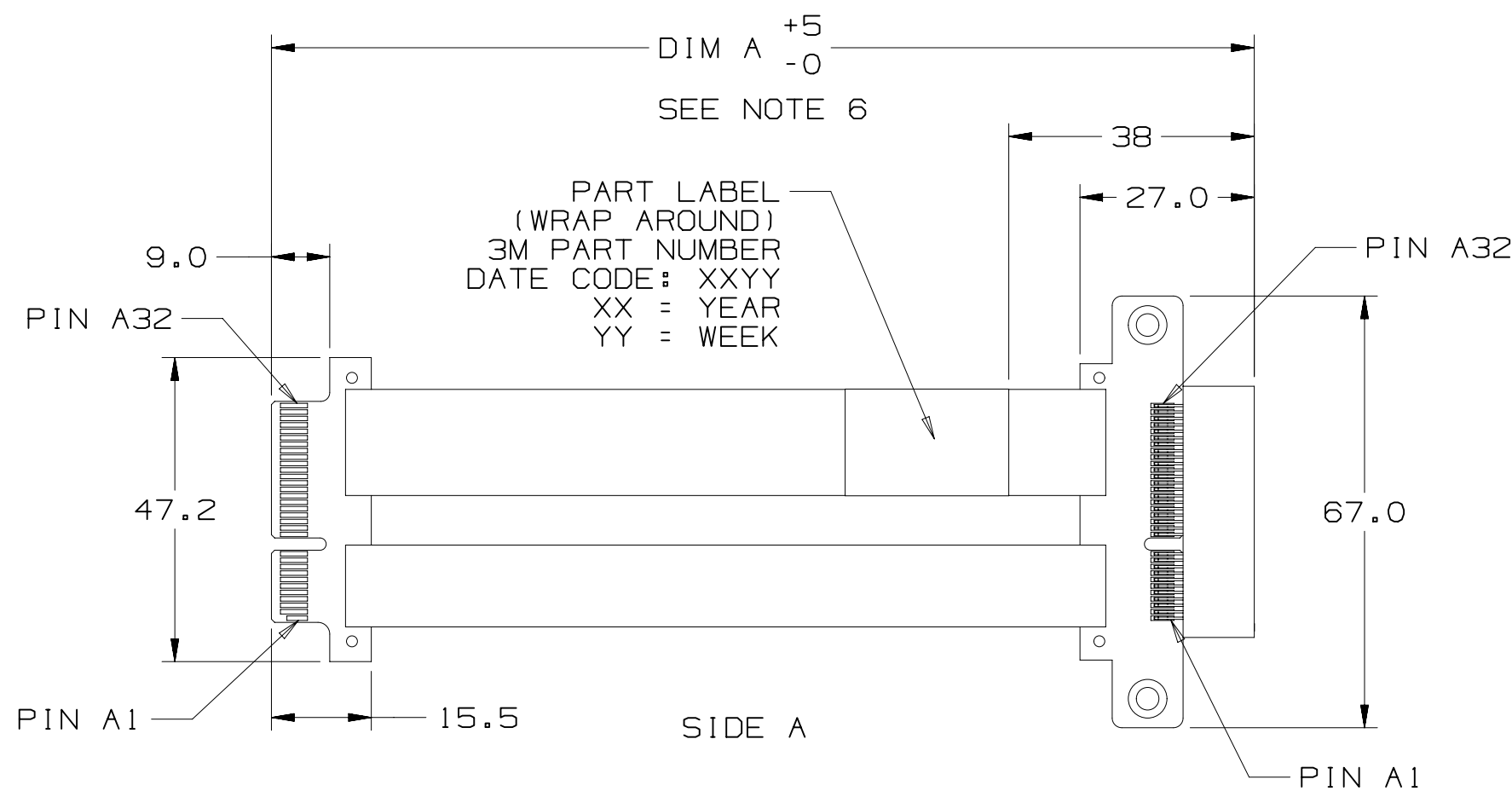
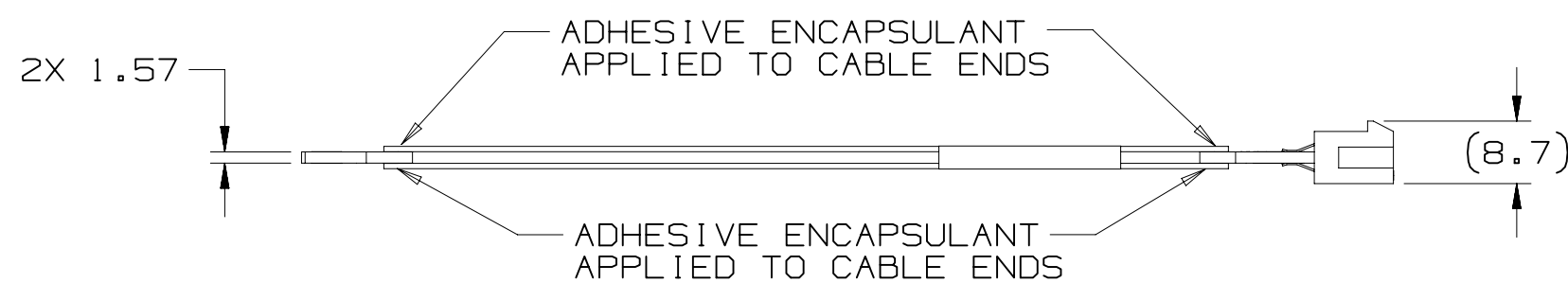
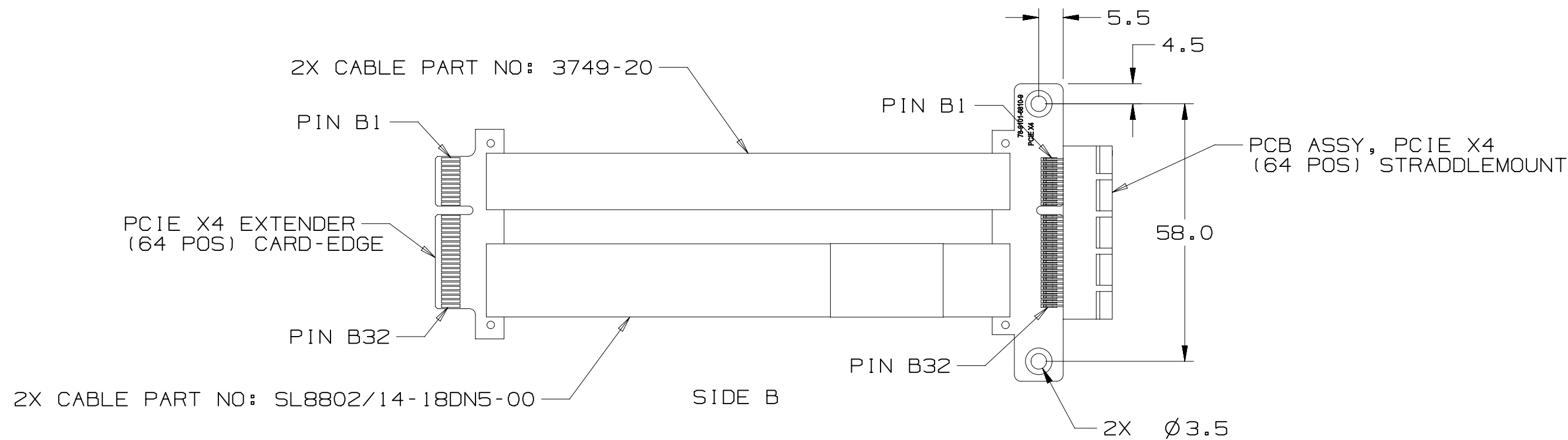


3M™ TWIN AXIAL CABLE ASSEMBLY
FOR PCIe X4 EXTENDER CARD APPLICATIONS



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 COPYRIGHT 2012			
		3M Center St. Paul, MN 55144			
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TITLE					
8KJ1-0727-XXXX, CABLE ASSY, PCIE X4 BY PCIE X4 EXTENDER					
CAGE NUMBER	SIZE	DRAWING NO.			REV.
	C	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.

