



DESIGNED AND DIMENSIONED IN MILLIMETERS [INCHES]  
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

ARM6-XX-XX.X-XXX-XXX-X-X

No OF PAIRS  
-01, -02

CABLE LENGTH  
-XX.X (INCHES)  
(03.0 MIN)  
(SEE NOTE 6)

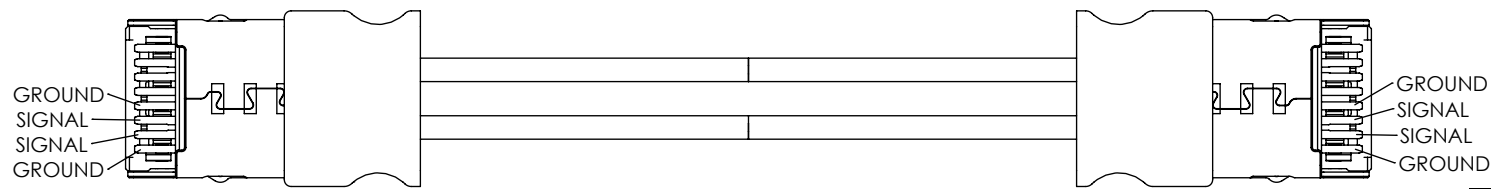
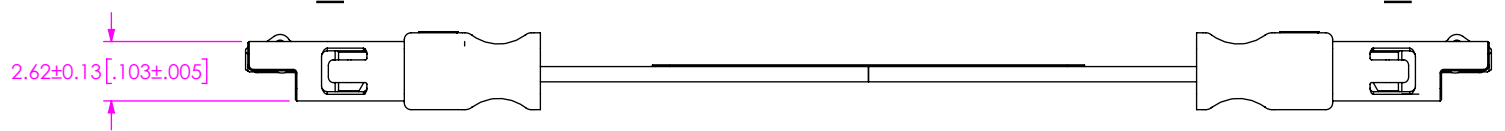
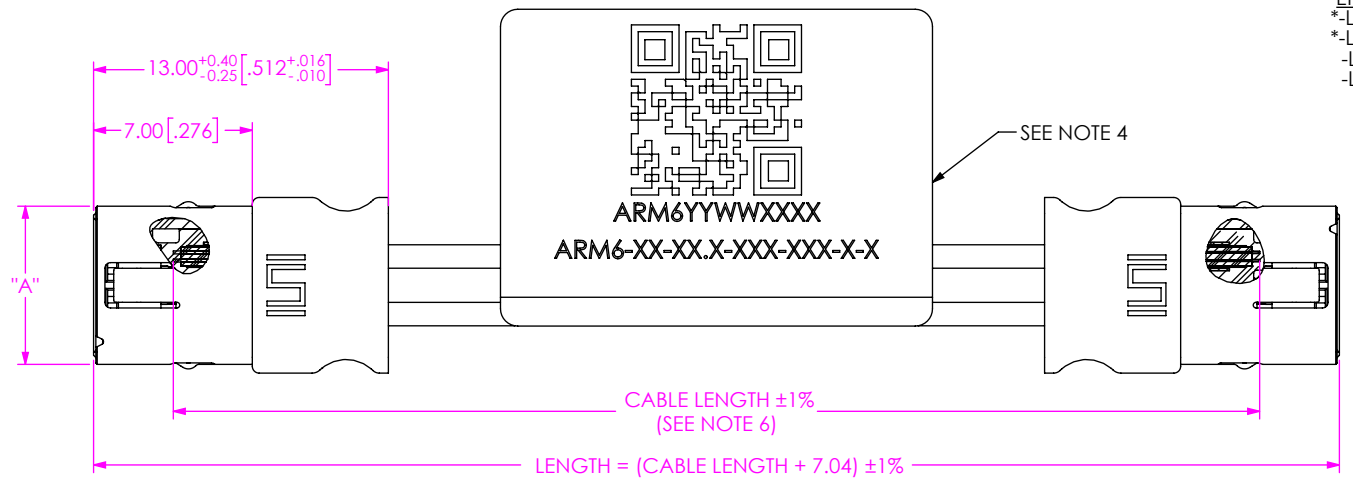
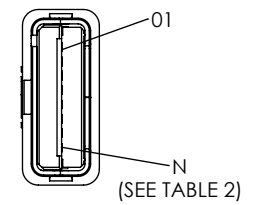
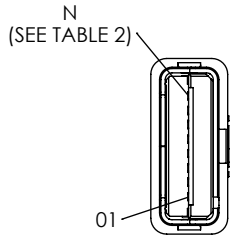
END 1  
\*-LU: LATCH UP  
-LUF: LATCH UP FLEXIBLE STRAIN RELIEF

CABLE STYLE  
-1: 3492 ThinAx  
-2: 3492 TwinAx

WIRING OPTION  
-1: PIN 1 TO PIN 1  
(ONLY WITH END 2 -LDX OPTION)  
-4: PIN 1 TO PIN N  
(ONLY WITH END 2 -LUX OPTION)

END 2  
\*-LU: LATCH UP  
\*-LD: LATCH DOWN  
-LUF: LATCH UP FLEXIBLE STRAIN RELIEF  
-LDF: LATCH DOWN FLEXIBLE STRAIN RELIEF

(\* = FOR EXISTING CUSTOMERS ONLY)



No. OF PAIRS	N
-01	04
-02	08

NO OF PAIRS	"A"
-01	4.44 [.175]
-02	6.98 [.275]

FIG 1  
ARM6-02-XX.X-LU-LU-4-1

NOTES:

- ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
- ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
- CABLE LENGTHS OVER 40.0[1016.0] NOT SUPPORTED BY SI TEST DATA.
- LABEL TO BE CENTERED ON CABLE AS SHOWN. LABEL TO CONTAIN:  
TOP SIDE - QR CODE  
LINE 1 - SERIAL NUMBER "ARM6YYWWXXXX"  
LINE 2 - PART NUMBER "ARM6-XX-XX.X-XXX-XXX-X-X"
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- MAX STANDARD CABLE LENGTH IS 5 METERS. FOR LENGTHS GREATER THAN 5 METERS, CONTACT HDR@SAMTEC.COM.

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DO NOT SCALE DRAWING  
SHEET SCALE: 3:1

MATERIAL:  
INSULATOR: LCP  
TERMINALS: COPPER ALLOY  
LATCH: PHOS BRONZE

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 53322

DESCRIPTION: **ARM6 CABLE ASSEMBLY**

DWG. NO. **ARM6-XX-XX.X-XXX-XXX-X-X**

BY: EVE L 6/29/2022 SHEET 1 OF 5

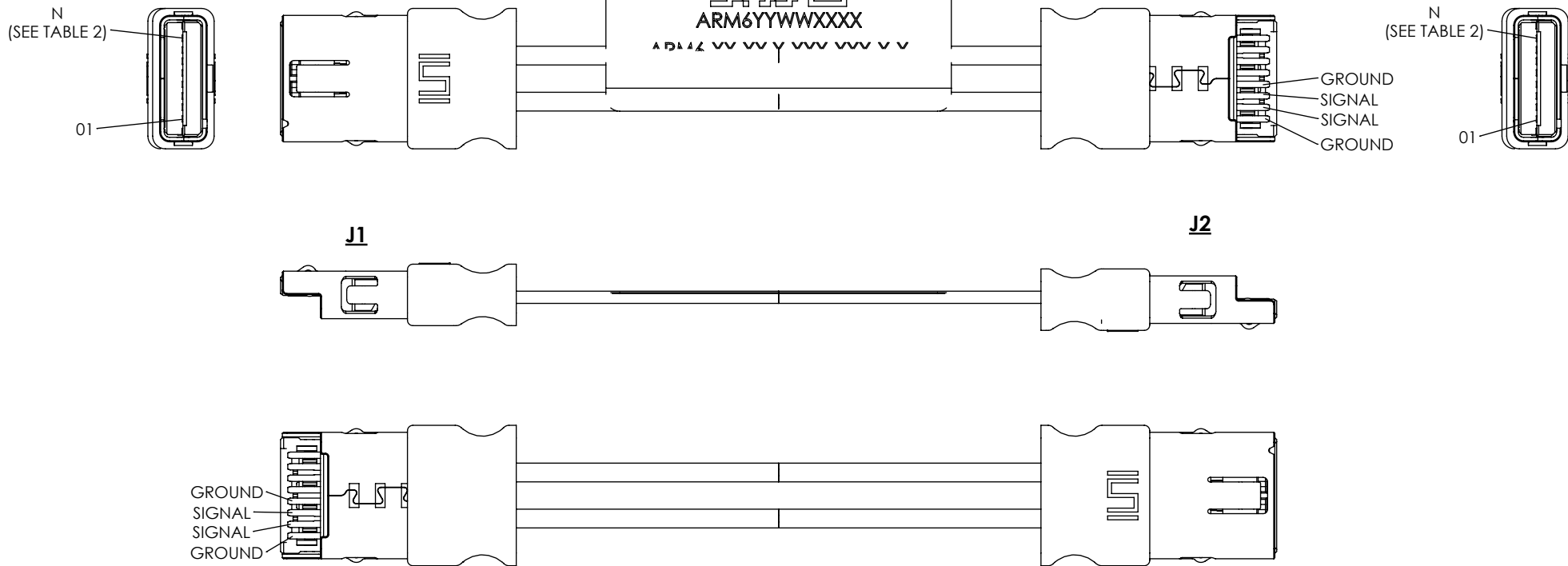



FIG 2  
 ARM6-02-XX.X-LU-LD-1-1 SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 3:1</p>	<p>DESCRIPTION: <b>ARM6 CABLE ASSEMBLY</b></p> <p>DWG. NO. <b>ARM6-XX-XX.X-XXX-XXX-X-X</b></p> <p>BY: EVE L 6/29/2022 SHEET 2 OF 5</p>

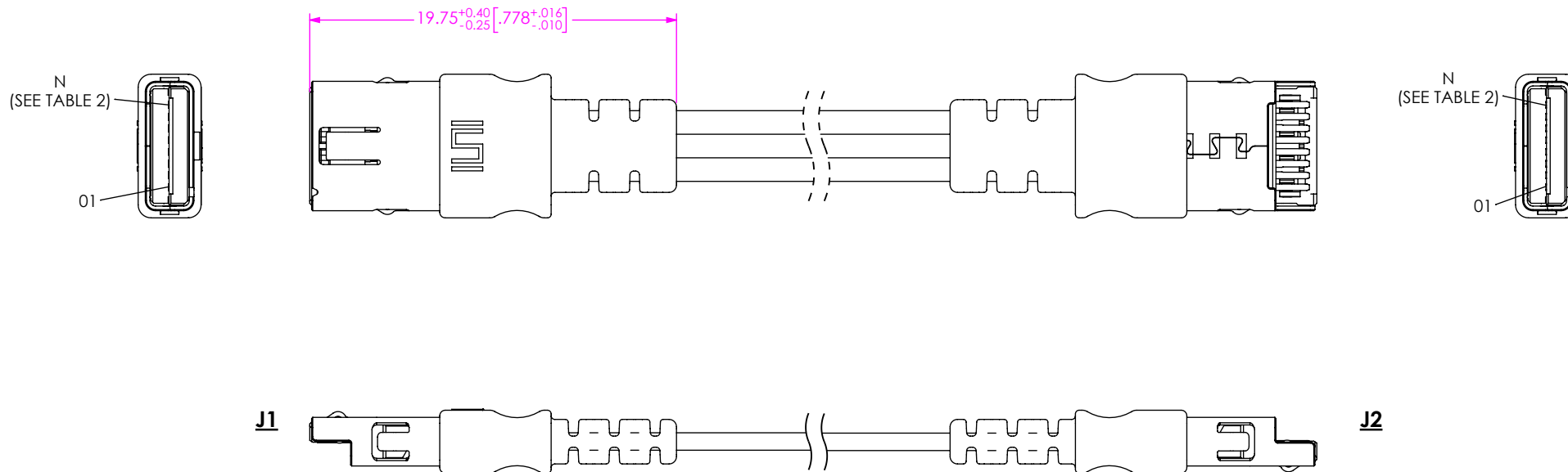
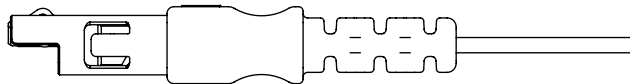
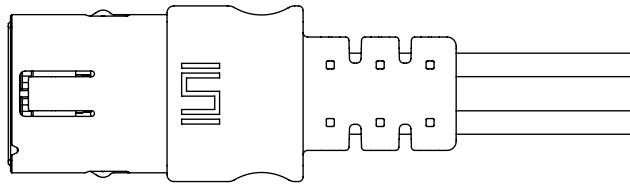
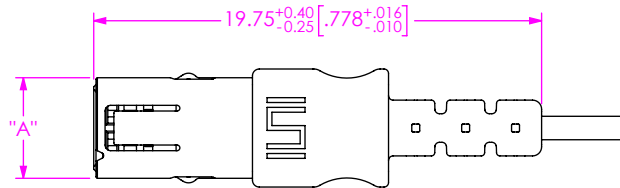


FIG 3  
 ARM6-02-XX.X-LUF-LDF-1-X SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

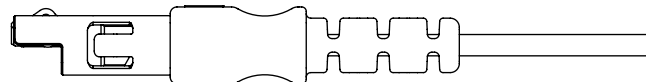
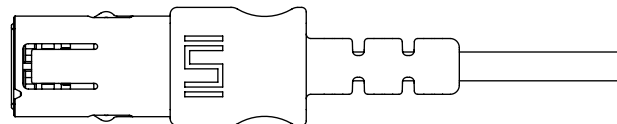
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**FIG 5**  
 ARM6-02-XX.X-LUF-XXX-X-1 SHOWN  
 (SHOW END 1 ONLY)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)



**FIG 6**  
 ARM6-01-XX.X-LUF-XXX-X-1 SHOWN  
 (SHOW END 1 ONLY)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 7**  
 ARM6-01-XX.X-LUF-XXX-X-2 SHOWN  
 (SHOW END 1 ONLY)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 6)

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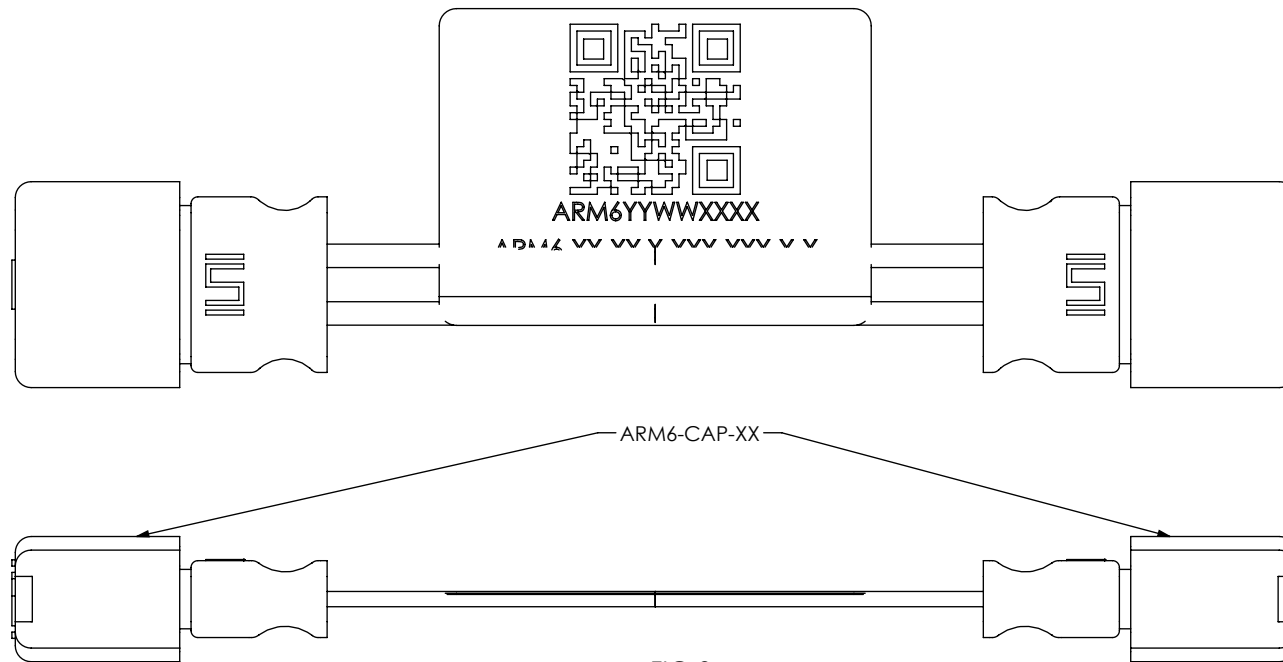


FIG 9  
ARM6-02-XX.X-LU-LU-4-X WITH PROTECTIVE CAPS

ARM6-01-XX.X-XXX-XXX-X-X SIGNAL MAPPING					
WIRING OPTION		POSITIONS			
-1 (PIN1 TO PIN 1)	J1	1	2	3	4
	NAME	GND	PAIR	GND	
	J2	1	2	3	4
-4 (PIN1 TO PIN N)	J1	1	2	3	4
	NAME	GND	PAIR	GND	
	J2	4	3	2	1
ALL LIKE NAMED GROUNDS ARE COMMON AND TIED TO CABLE SHIELD					

ARM6-02-XX.X-XXX-XXX-X-X SIGNAL MAPPING									
WIRING OPTION		POSITIONS							
-1 (PIN1 TO PIN 1)	J1	1	2	3	4	5	6	7	8
	NAME	GND	PAIR	GND	GND	PAIR	GND		
	J2	1	2	3	4	5	6	7	8
-4 (PIN1 TO PIN N)	J1	1	2	3	4	5	6	7	8
	NAME	GND	PAIR	GND	GND	PAIR	GND		
	J2	8	7	6	5	4	3	2	1
ALL LIKE NAMED GROUNDS ARE COMMON AND TIED TO CABLE SHIELD									

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