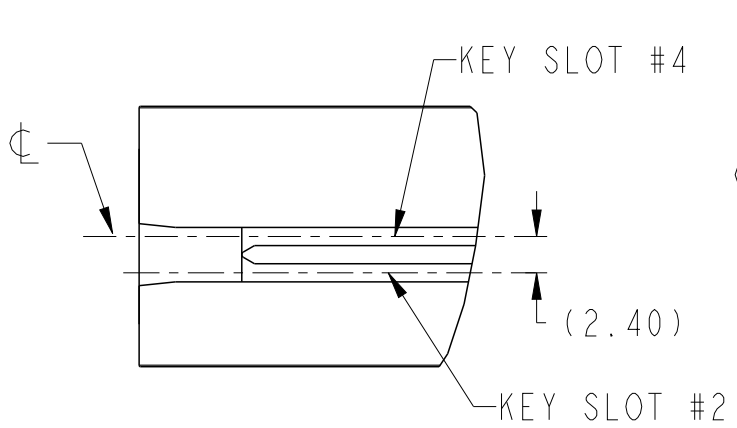
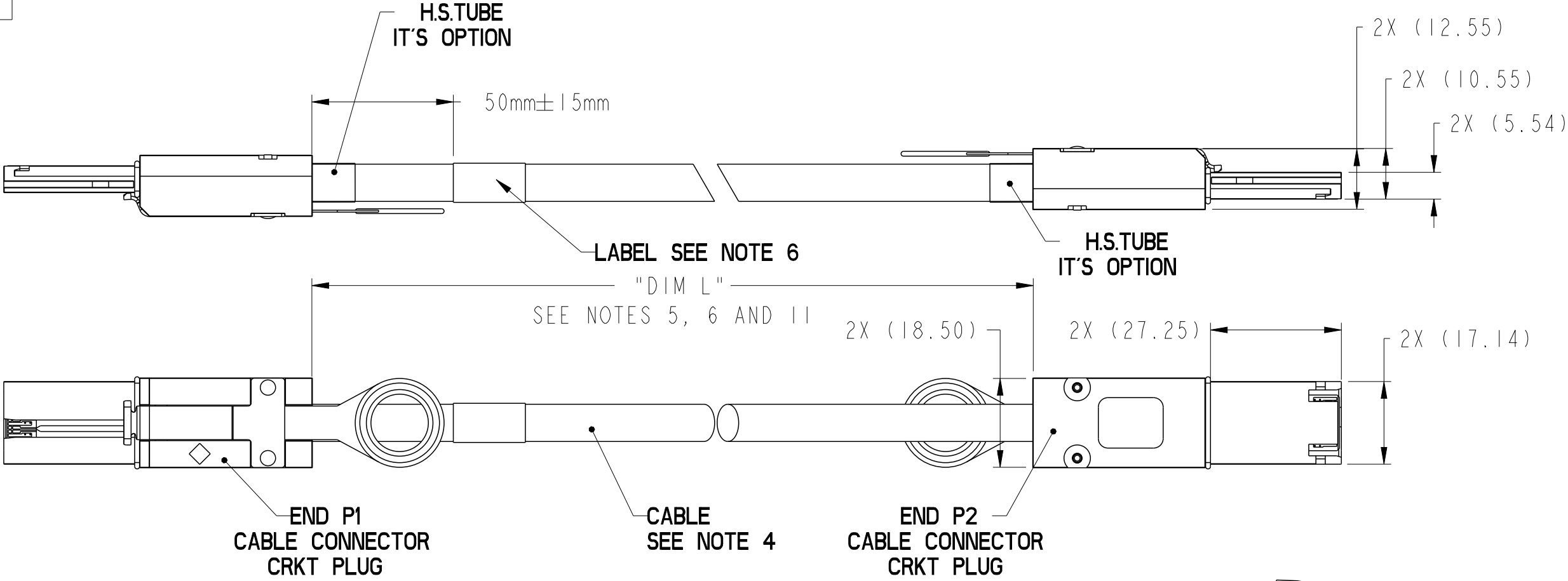
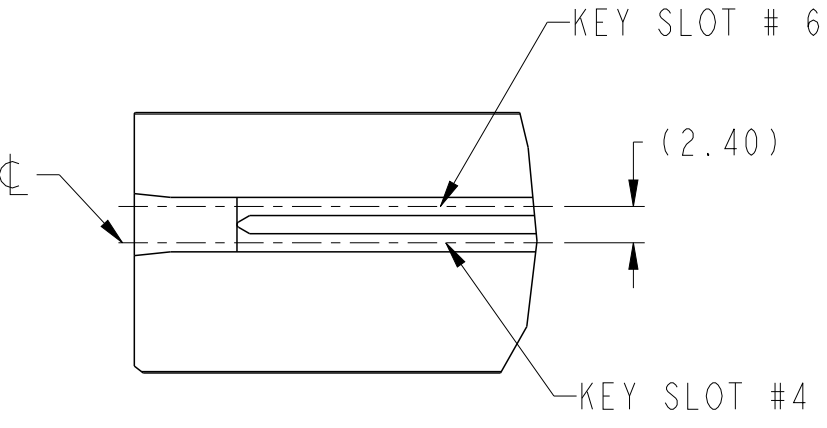


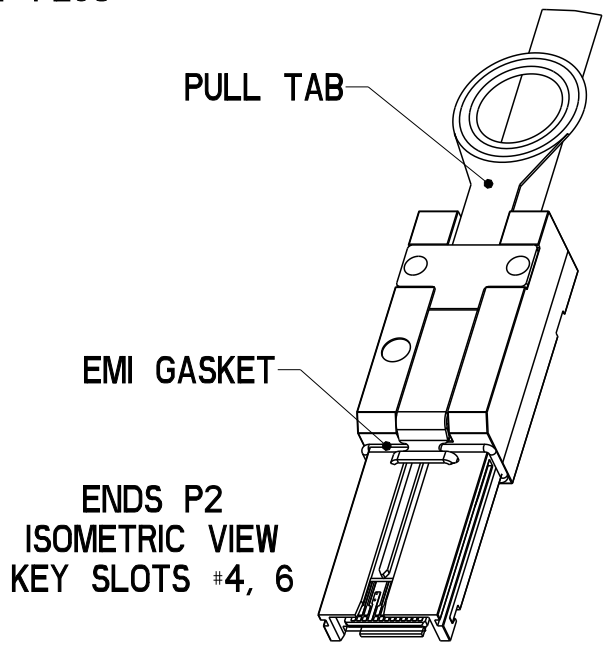
FCI PRODUCT NUMBER
10118127-X0X0006LF
SEE TABLE, NOTE 4



COVER END P1
KEY SLOTS # 2, 4
SCALE 2:1

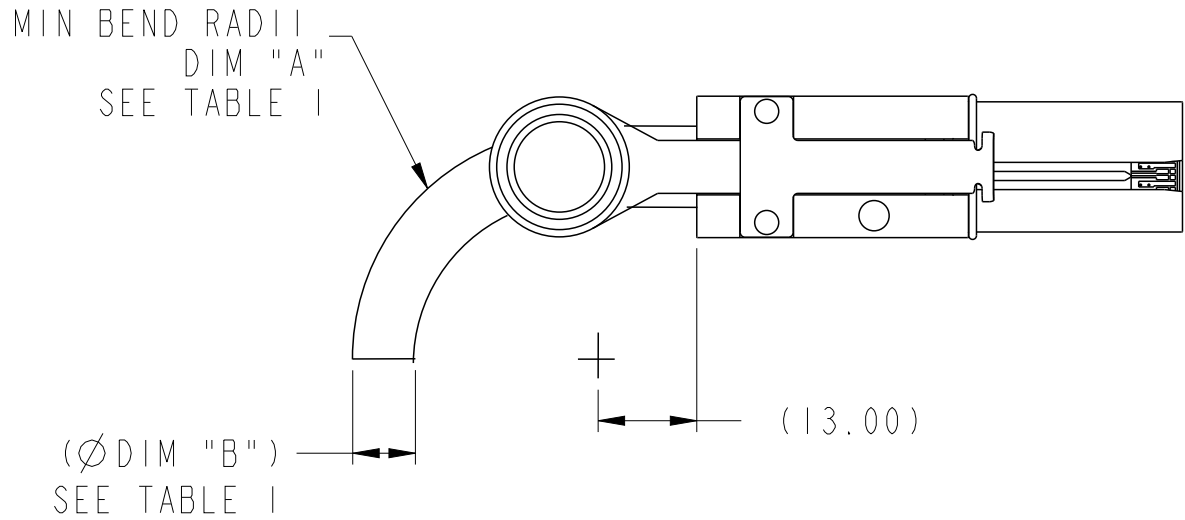


COVER END P2
KEY SLOTS # 4, 6
SCALE 2:1



spec ref	---	dr	Deborah Ingram	2011/04/28	projection	MM	size	A3	scale	1:1
tolerance std	---	eng	Shawn Xu	2017/04/24			ecn no	ELX-N-26507-1		
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			rel level	Released		
---		appr	Michael Zhou	2017/04/24	product family	MiniSAS/SATA				
surface	linear	0.X	±0.3	Amphenol FCI	FINAL ASSEMBLY - CUSTOMER SPECIAL	dwg no	10118127	rev	E	
		0.XX	±0.10	www.fci.com	Mini SAS 2.0/SATA (CRKT)					
		0.XXX	±0.050							
---	angular	0°	±2°							
				cat. no.	-	Product - Customer Drw	sheet 1 of 4			

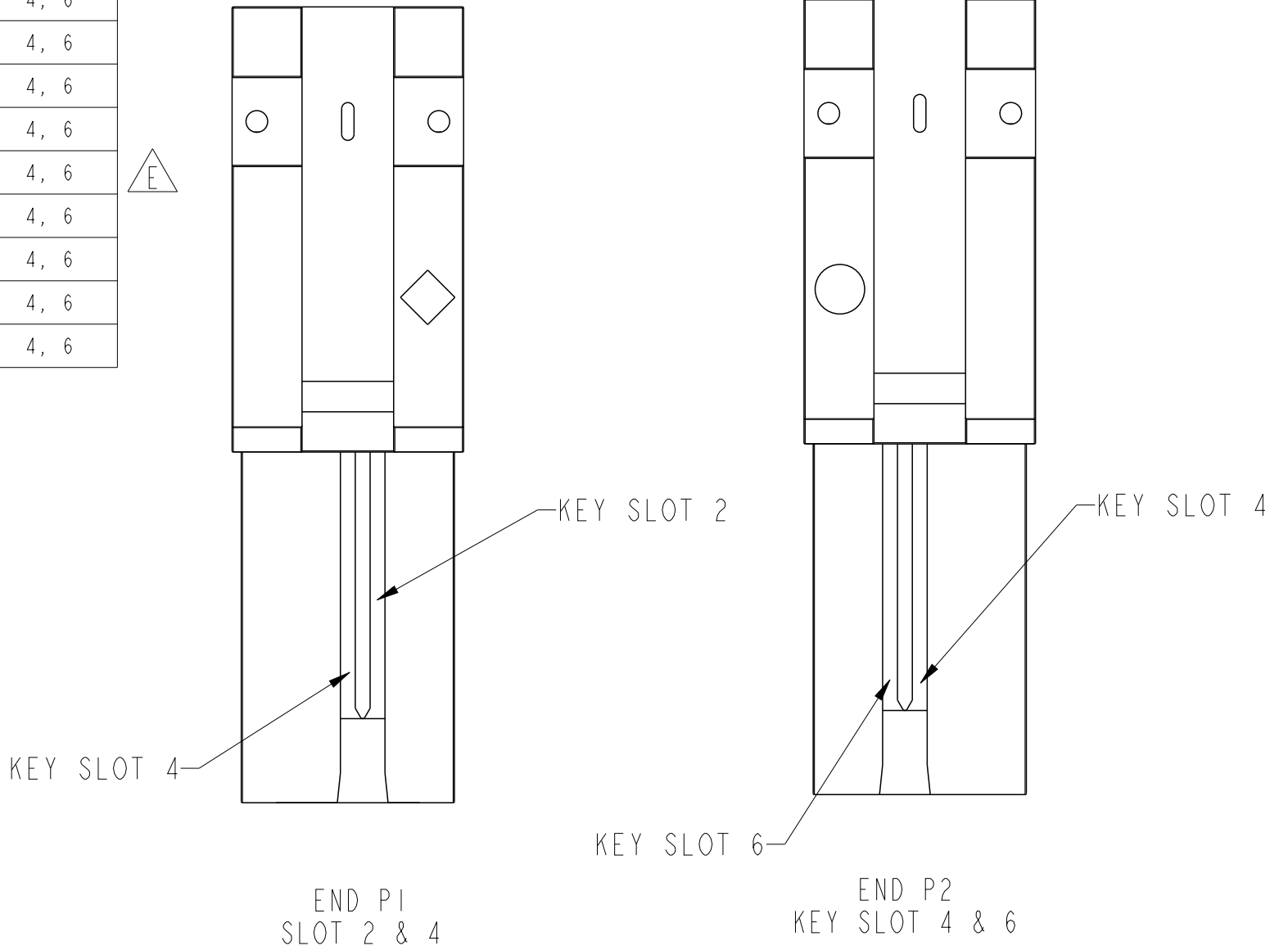
FCI PRODUCT NUMBER	CUSTOMER PART NUMBER	GRP.COMP	GAUGE	"DIM L" LENGTH	END P1 KEY SLOT	END P2 KEY SLOT
10118127-P010006LF	856-150955	401-A	28 AWG	1M	2, 4	4, 6
10118127-P020006LF	856-150955	402-A	28 AWG	2M	2, 4	4, 6
10118127-P030006LF	856-150955	403-A	28 AWG	3M	2, 4	4, 6
10118127-N040006LF	856-150955	404-A	26 AWG	4M	2, 4	4, 6
10118127-M050006LF	856-150955	405-A	24 AWG	5M	2, 4	4, 6
10118127-P015006LF	856-150955	411-A	28 AWG	1.5M	2, 4	4, 6
10118127-P025006LF	856-150955	412-A	28 AWG	2.5M	2, 4	4, 6
10118127-P035006LF	856-150955	413-A	28 AWG	3.5M	2, 4	4, 6
10118127-M070002LF	856-150955	317-A	24 AWG	7M	4, 6	4, 6



END P2
BEND RADIUS

TABLE 1

CABLE	DIM "A"	DIM "B" Nominal
28 AWG	(R38)	(Ø 7.6mm)
26 AWG	(R41.5)	(Ø 8.3mm)
24 AWG	(R48.5)	(Ø 9.7mm)



spec ref	---	dr	Deborah Ingram	2011/04/28	projection	MM	size	A3	scale	1:1
tolerance std	---	eng	Shawn Xu	2017/04/24	chr	-	ecm no	ELX-N-26507-1	rel level	Released
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Michael Zhou	2017/04/24	product family	MiniSAS/SATA	rel level	Released		
surface	linear	0.X	±0.3	Amphenol FCI	FINAL ASSEMBLY - CUSTOMER SPECIAL	dwg no	10118127	rev	E	
---	angular	0°	±2°	www.fci.com	Mini SAS 2.0/SATA (CRKT)	cat. no.	-	Product - Customer Drw	sheet 2 of 4	

FCI PRODUCT NUMBER

10118127-X0X0006LF

SEE TABLE, NOTE 4

A

B

C

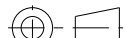
D

WIRING LIST SEE NOTE 7

P1	GND	A1	—	B1	GND	P2
	R _x 0+	A2		B2	T _x 0+	
	R _x 0-	A3		B3	T _x 0-	
	GND	A4	—	B4	GND	
	R _x 1+	A5		B5	T _x 1+	
	R _x 1-	A6		B6	T _x 1-	
	GND	A7	—	B7	GND	
	R _x 2+	A8		B8	T _x 2+	
	R _x 2-	A9		B9	T _x 2-	
	GND	A10	—	B10	GND	
	R _x 3+	A11		B11	T _x 3+	
	R _x 3-	A12		B12	T _x 3-	
	GND	A13	—	B13	GND	
	GND	B1	—	A1	GND	
	T _x 0+	B2		A2	R _x 0+	
	T _x 0-	B3		A3	R _x 0-	
	GND	B4	—	A4	GND	
	T _x 1+	B5		A5	R _x 1+	
	T _x 1-	B6		A6	R _x 1-	
	GND	B7	—	A7	GND	
	T _x 2+	B8		A8	R _x 2+	
	T _x 2-	B9		A9	R _x 2-	
	GND	B10	—	A10	GND	
	T _x 3+	B11		A11	R _x 3+	
T _x 3-	B12	A12		R _x 3-		
GND	B13	—	A13	GND		

Amphenol FCi

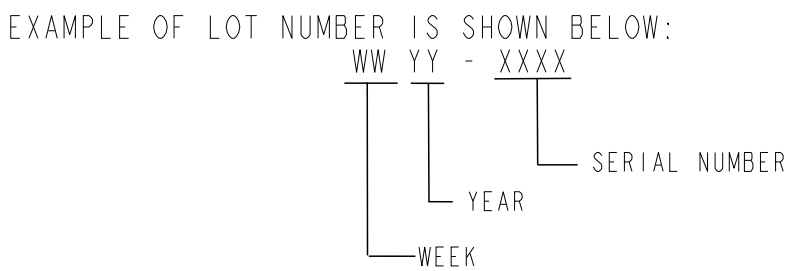
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spec ref		---		dr	Deborah Ingram	2011/04/28	projection			size	A3	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Shawn Xu	2017/04/24				ecn no	ELX-N-26507-1		
---				chr	-	-							
---				appr	Michael Zhou	2017/04/24	product family		MiniSAS/SATA		rel level	Released	
surface		linear	0.X	±0.3	Amphenol FCI	title FINAL ASSEMBLY - CUSTOMER SPECIAL Mini SAS 2.0/SATA (CRKT)	dwg no 10118127	rev E					
			0.XX	±0.10									
			0.XXX	±0.050									
---		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 4			

FCI PRODUCT NUMBER
10118127-X0X0006LF
SEE TABLE, NOTE 4

- NOTES:
- ① - MATERIAL:
BACK SHELLS: ZINC DIECAST
PULL TAB: MOLDED THERMOPLASTIC
LATCH: STAINLESS STEEL
JET MELT: POLYAMIDE POLYMER
- 2 - ELECTRICAL PERFORMANCE PER CURRENT REVISION
OF SERIAL ATA, T10/I760-D (SAS-2 REQUIREMENTS).
- 3 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE ("Directive 2011/65/EU")
- ④ - PART NUMBER DESCRIPTION
10118127 - X XX XX 06 LF
- LEAD FREE (SEE NOTE 3 AND 10)
- 06: P1 KEY SLOT 02: P1 KEY SLOT
KEY SLOT 2,4 KEY SLOT 4,6
P2 KEY SLOT P2 KEY SLOT
KEY SLOT 4,6 KEY SLOT 4,6
- GAUGE
P: 28 AWG
N: 26 AWG
M: 24 AWG
- LENGTH
XX= METERS, XX=CENTIMETERS
0100 = 01 METERS, 00 CENTIMETERS ("DIM L")

- ⑤ - UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
< 1 METER = $\pm 25.0\text{mm}$
> 1 METER TO 10 METERS = $\pm 2\%$ OF "DIM L"
- ⑥ - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.
LABEL DETAILS:
NEC DWG P/N
GRP.comp (NEC no)
LOT NUMBER
- FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.
- ⑦ - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 8 - UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING
300V DC FOR A MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
- 9 - OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-548.
- ⑩ - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.
PACKAGE CABLE ASSEMBLIES PER GS-14-2314.
- ⑪ - THIS DIMENSION IS A FINISHED PRODUCT LENGTH.



spec ref	---	dr	Deborah Ingram	2011/04/28	projection	MM	size	A3	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Shawn Xu	2017/04/24			ecn no	ELX-N-26507-1	rel level	Released
---		chr	-	-						
---		appr	Michael Zhou	2017/04/24						
surface	linear	0.X	± 0.3	Amphenol FCi	FINAL ASSEMBLY - CUSTOMER SPECIAL	dwg no	10118127	rev	E	
		0.XX	± 0.10							
		0.XXX	± 0.050							
angular		0°	$\pm 2^\circ$	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4		

Mouser Electronics

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