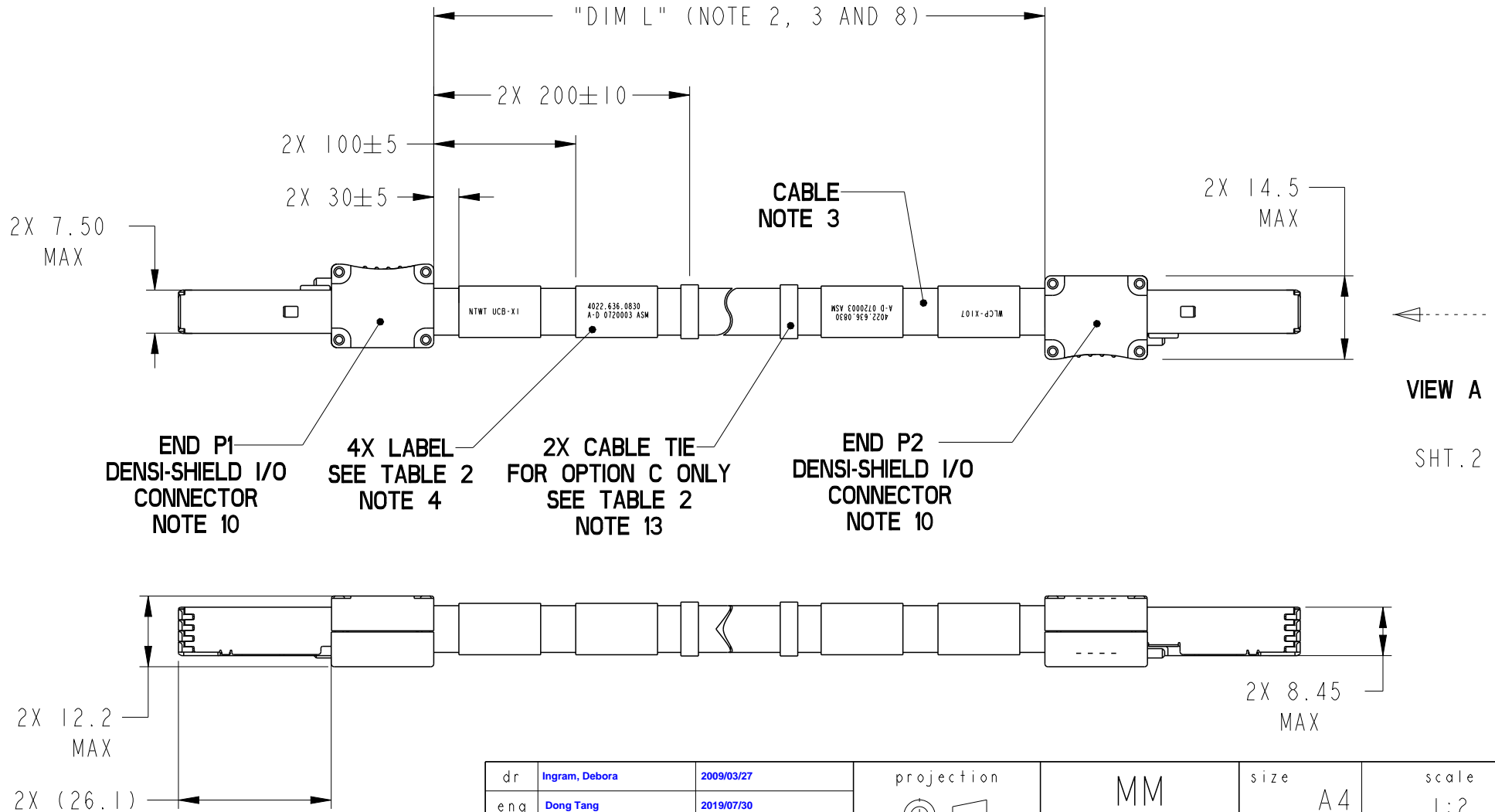


PRODUCT NUMBER  
10077488-XXXXXXLF

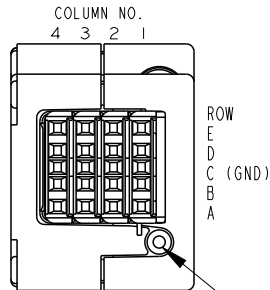


dr	Ingram, Debora	2009/03/27	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:2						
eng	Dong Tang	2019/07/30			ecn no	ELX-N-34264-1								
chr	-	-			rel level	Released								
appr	Tim Yao	2019/07/30	product family		C&A									
<div>Amphenol FCI</div>		title			CABLE ASSEMBLY			dwg no		10077488		rev		
														DENSI-SHIELD I/O 8 PAIR
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DW<sub>x</sub> = DRAIN WIRE x  
RP<sub>x</sub> = RECIEVER PAIR x, POSITIVE POLE  
RN<sub>x</sub> = RECIEVER PAIR x, NEGATIVE POLE  
TP<sub>x</sub> = TRANSMITTER PAIR x, POSITIVE POLE  
TN<sub>x</sub> = TRANSMITTER PAIR, NEGATIVE POLE



VIEW A  
SCALE 2:1  
VIEWED FROM  
MATING SIDE

HEXAGON SCREW



**TABLE 1**  
**PIN OUT/WIRING LIST**  
**SEE NOTE 5**

END P1		END P2	
PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
CI-C4	DRAIN WIRES	CI-C4	DRAIN WIRES
CONN SHELL	CABLE SHIELD	CONN SHELL	CABLE SHIELD
A1	TN1	E1	RN1
B1	TP1	D1	RP1
D1	RP2	B1	TP2
E1	RN2	A1	TN2
A2	TN6	E2	RN6
B2	TP6	D2	RP6
D2	RP7	B2	TP7
E2	RN7	A2	TN7
A3	TN8	E3	RN8
B3	TP8	D3	RP8
D3	RP3	B3	TP3
E3	RN3	A3	TN3
A4	TN5	E4	RN5
B4	TP5	D4	RP5
D4	RP4	B4	TP4
E4	RN4	A4	TN4

## NOTES:

OVERALL CABLE SHIELD/BRAID SHOULD BE ISOLATED FROM  
SIGNAL GROUNDS/DRAIN WIRES

dr	Ingram, Debora	2009/03/27	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:2
eng	Dong Tang	2019/07/30			ecn no	ELX-N-34264-1		
chr	-	-			rel level	Released		
appr	Tim Yao	2019/07/30	product family		C&A			
<div>Amphenol FCI</div>		title			CABLE ASSEMBLY		rev	
					DENSI-SHIELD I/O 8 PAIR		AE	
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PRODUCT NUMBER

10077488-XXXXXXLF

TABLE 2 LABEL'S

OPTION-SEE NOTE 4	ITEM	P1 END		P2 END	
		PI	CENTER	CENTER	P2
A	A	SEE NOTE 4	-	-	-
B	D	WLCP-X105	4022.636.07432	4022.636.07432	NTWT UCB-X2
B	E	WLCP-X106	4022.636.07422	4022.636.07422	NTWT UCB-X3
B	F	WRCP-X108	4022.636.07393	4022.636.07393	NTWT UCB-X2
B	I	WRCP-X107	4022.636.07403	4022.636.07403	NTWT UCB-X3
B	J	SPMR-S13X101	4022.636.02533	4022.636.02533	WLCP-X102
B	K	SPMR-S14X101	4022.636.02543	4022.636.02543	WLCP-X101
B	L	WRCP-X104	4022.636.04243	4022.636.04243	SPMR-S14X102
B	M	WRCP-X103	4022.636.04253	4022.636.04253	SPMR-S12X101
B	S	IFSR-S09X101	4022.646.07121	4022.646.07121	GCB-X2
B	T	IFSR-S06X101	4022.646.07131	4022.646.07131	GCB-X3
B	U	APE 398-X2	4022.646.07002	4022.646.07002	GCB-X4
B	V	APE 398-X1	4022.646.07012	4022.646.07012	GCB-X5
B	W	WLCP-X106	4022.646.55131	4022.646.55131	UCB-X3
B	X	WLCP-X105	4022.646.55141	4022.646.55141	UCB-X2
B	Y	WRCP-X108	4022.646.55371	4022.646.55371	UCB-X2
B	Z	WRCP-X107	4022.646.55381	4022.646.55381	UCB-X3
C	2	S14X101/I02	4022.646.61431	4022.646.61431	GCB-X3
C	3	S13/S12X101	4022.646.61441	4022.646.61441	GCB-X2
C	4	GCB-X4	4022.646.61461	4022.646.61461	L-X1/R-X2
C	5	GCB-X5	4022.646.61471	4022.646.61471	L-X2/R-X1
B	6	GCB-X4	4022.664.32451	4022.664.32451	APE 398-X2
B	7	GCB-X5	4022.664.32461	4022.664.32461	APE 398-X1
B	8	IMCR-S15X101	4022.677.20421	4022.677.20421	NSPA MASTER-X10
B	9	NSPA2-X10	4022.671.93401	4022.671.93401	NSPA1-X11



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chr	-	-												
appr	Tim Yao	2019/07/30	product family		C&A	rel level		Released						
		title			CABLE ASSEMBLY		dwg no		10077488	rev	AE			
www.fci.com		cat. no.			-	Product - Customer Drw			sheet 3 of 5					

PRODUCT NUMBER

10077488-XXXXXXLF

## NOTES:

1. MATES WITH FCI PART NUMBERS 10044471 SERIES.

(2) UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE = +48mm/-0mm

(3) PART NUMBER DESCRIPTION/DENSI-SHIELD CONNECTOR:

10077488 - N XX XX X D LF

WIRE GAGE

N: 26 AWG

LF: LEAD FREE (NOTE 9)

HARDWARE TYPE

D: HIGH SPEED VERSION + INTRA-HEXAGON SCREW VERSION

ITEM LETTER IN TABLE 2

LENGTH "DIM L"

XXXX: XX METERS, XX CENTIMETERS

EXAMPLES OF LENGTH GIVEN BELOW:

0046 = 00 METERS 46 CENTIMETERS

0500 = 05 METERS 00 CENTIMETERS

EXAMPLE: 10077488-N0500BDLF = 26 AWG, 05 METER, 00 CENTIMETERS, HIGH SPEED + HEXAGON SCREW, AND IS LEAD FREE

(4) LABEL INFORMATION:

## OPTION A

-FCI

-FCI PART NUMBER

-DATE CODE(YY/MM/DD) - SERIAL NUMBER

-CUSTOMER PART NUMBER

-COUNTRY ORIGIN

## OPTION B &amp; C

FOR 10077488-N01006DLF, WE SHOULD STICK ONLY ONE LABEL IN THE CENTER.

THE MARKING SIZE HEIGHT OF THE TEXT 2.5mm±0.1mm MINIMUM USE

SanSerif Font

## TEST LEVEL

EXAMPLE: A-D (ENCIRCLING AFTER TESTING THE CABLE ASSEMBLY) PROTECTIVE LABEL

ENCIRCLING (A-D) LETTERS IN EACH LABEL AFTER PAST FINAL ELECTRICAL TEST.

SERIAL NUMBER

THE SERIAL NUMBER MUST BE SET UP AS FOLLOWS:

- TWO CHARACTERS REPRESENTING THE YEAR (E.G.: 07 FOR 2007)
- TWO CHARACTERS REPRESENTING THE WEEK NUMBER (E.G.: 20)
- THREE CHARACTERS REPRESENTING THE SERIES CODE (E.G.: 003)
- THREE CHARACTER VENDOR ID, AGREED WITH ASML-SCE (E.G.: ASM)
- SEE EXAMPLE BELOW:

ENCIRCLE A-D LETTERS  
AFTER PASSING FINAL  
ELECTRICAL TEST4022.636.0830  
(A-D) 0720003 ASM

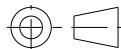

dr	Ingram, Debora	2009/03/27	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:2							
eng	Dong Tang	2019/07/30			ecn no				ELX-N-34264-1						
chr	-	-			rel level				Released						
appr	Tim Yao	2019/07/30	product family			C&A									
<div>Amphenol FCI</div>		title			CABLE ASSEMBLY			dwg no		10077488		rev		AE	
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 5					

PRODUCT NUMBER

10077488-XXXXXXLF

NOTES CONTINUED:

5. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
6. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED PER PRODUCT SPECIFICATION: GS-12-314.
7. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-314.
8. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
9. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
10. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
11. PACKAGING PER GLOBAL STANDARD GS-14-1272.
12. MATERIALS:  
COVERS: ZINC ALLOY, Cu-Ni-Sn PLATED.  
SHEET METAL COVER: STAINLESS STEEL  
FERRULES: COPPER ALLOY, Ni-Sn PLATED  
TERMINAL BLOCK:  
-HOUSING: THERMOPLASTIC  
-TERMINALS: COPPER ALLOY, FINISH: MIN 0.8um Au ON  
-Ni-UNDER LAYER IN CONTACT AREA.  
-TRANSITION BOARD: FR4 FIBERGLASS FILLED EPOXY.  
-HEXAGON SCREW: STAINLESS STEEL  
-SCREW STOP: TEFLON
13. FOR OPTION C, APPLY TWO CABLE TIE ON CABLE.

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<div>Amphenol FCI</div>		title			CABLE ASSEMBLY		dwg no		10077488	rev	AE	
DENSI-SHIELD I/O 8 PAIR												
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 5 of 5			