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Product number

10079165 - NXXXXYYLF

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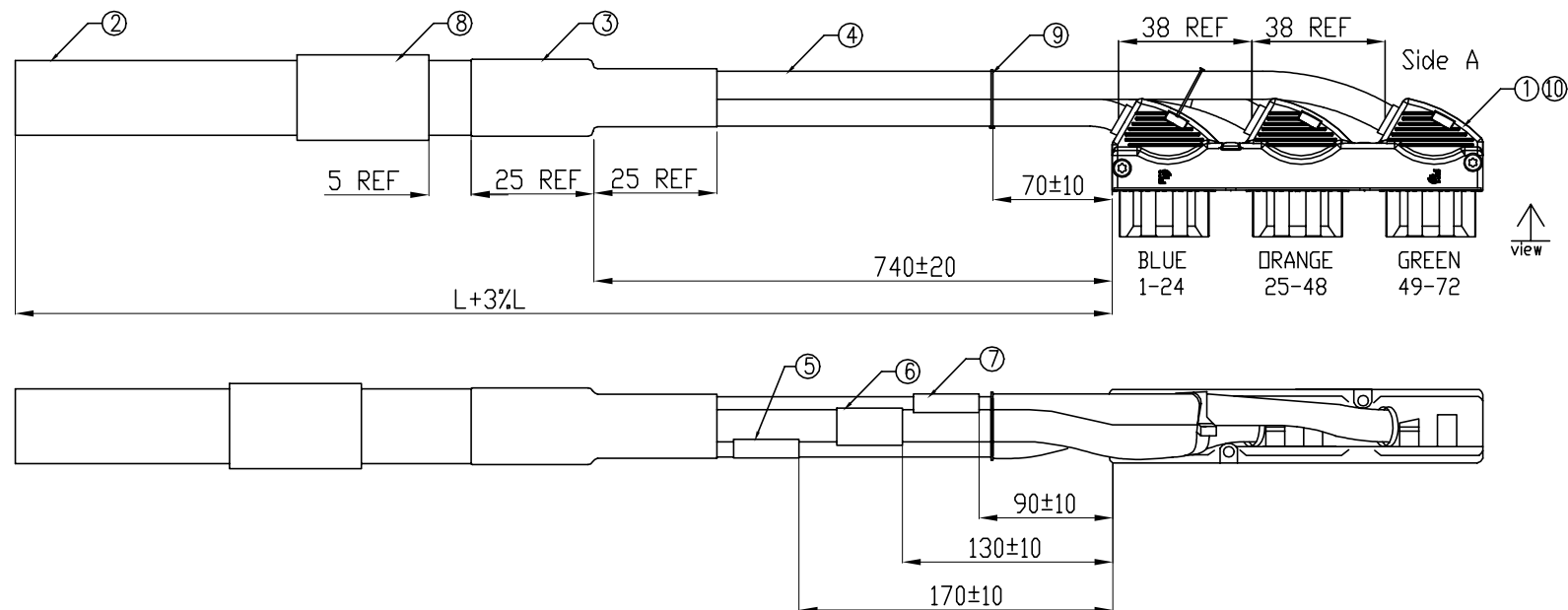
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No.	DESCRIPTION	QTY	UNIT
①	72P CONNECTOR	1	PC
②	72PAIR CABLE	AR	MR
③	HEAT SHRINK TUBE,OD:1"	AR	MR
④	HEAT SHRINK TUBE,OD:3/8"	AR	MR
⑤	LABEL,COLOR BLUE(see note 10)	1	PC
⑥	LABEL,COLOR ORANGE(see note 10)	1	PC
⑦	LABEL,COLOR GREEN(see note 10)	1	PC
⑧	LABEL	1	PC
⑨	CABLE TIE	2	PC
⑩	COPPER FOIL	AR	MR

www.fciconnect.com		surface -	tolerance std -	projection -	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Tommy Lin	5/13/2011	ANGULAR	0.X ±	size A3
Eng	Tommy Lin	5/13/2011	LINEAR	0.XX ±	Scale 2:3
Chr	Roger Cheng	5/13/2011	0° ±	0.XXX ±	ECN Preliminary
Appr	Jackson Wang	5/13/2011	Product family Metral		Spec ref -
FCI		title HDXS 72 pair 3 outlet		dwg no 10079165	Rev. C
		Cable Assembly			
		catalog no -		Customer	sheet 1 of 4

rev	ecn no	dr	date
A	N09-0137	GW	090525
B	N09-0215	GW	090708
C	N11-0160	T.L	5/13/2011
-	-	-	-
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REV F - 2006-04-17

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PDM: Rev:C

STATUS: Released

Printed: May 17, 2011

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A

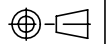
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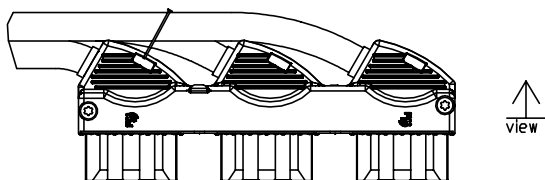
ALCATEL P/N	FCI P/N	L(M)	ALCATEL P/N	FCI P/N	L(M)	ALCATEL P/N	FCI P/N	L(M)	ALCATEL P/N	FCI P/N	L(M)	ALCATEL P/N	FCI P/N	L(M)
3FE60227ALAA	10079165-N0050YYLF	0.5	3FE60227EWAA	10079165-N0580YYLF	5.8	3FE60227GJAA	10079165-N1400YYLF	14	3FE60227HVAA	10079165-N2850YYLF	28.5	3FE60227KGAA	10079165-N5900YYLF	59
3FE60227ATAA	10079165-N0080YYLF	0.8	3FE60227FAAA	10079165-N0600YYLF	6	3FE60227GKAA	10079165-N1450YYLF	14.5	3FE60227HWAA	10079165-N2900YYLF	29	3FE60227KHAA	10079165-N6050YYLF	60.5
3FE60227BAAA	10079165-N0100YYLF	1	3FE60227FBAA	10079165-N0620YYLF	6.2	3FE60227GLAA	10079165-N1500YYLF	15	3FE60227HYAA	10079165-N2950YYLF	29.5	3FE60227KJAA	10079165-N6200YYLF	62
3FE60227BEAA	10079165-N0120YYLF	1.2	3FE60227FCAA	10079165-N0640YYLF	6.4	3FE60227GMAA	10079165-N1550YYLF	15.5	3FE60227JAAA	10079165-N3000YYLF	30	3FE60227KKAA	10079165-N6350YYLF	63.5
3FE60227BJAA	10079165-N0140YYLF	1.4	3FE60227FDAA	10079165-N0660YYLF	6.6	3FE60227GNAA	10079165-N1600YYLF	16	3FE60227JBAA	10079165-N3100YYLF	31	3FE60227KLAA	10079165-N6500YYLF	65
3FE60227BLAA	10079165-N0150YYLF	1.5	3FE60227FEAA	10079165-N0680YYLF	6.8	3FE60227GPA	10079165-N1650YYLF	16.5	3FE60227JCAA	10079165-N3200YYLF	32	3FE60227KMAA	10079165-N6650YYLF	66.5
3FE60227BNAA	10079165-N0160YYLF	1.6	3FE60227FFAA	10079165-N0700YYLF	7	3FE60227GRAA	10079165-N1700YYLF	17	3FE60227JDA	10079165-N3300YYLF	33	3FE60227KNAA	10079165-N6800YYLF	68
3FE60227BTAA	10079165-N0180YYLF	1.8	3FE60227FGAA	10079165-N0720YYLF	7.2	3FE60227GSAA	10079165-N1750YYLF	17.5	3FE60227JEAA	10079165-N3400YYLF	34	3FE60227KPAA	10079165-N6950YYLF	69.5
3FE60227CAAA	10079165-N0200YYLF	2	3FE60227FHAA	10079165-N0740YYLF	7.4	3FE60227GTAA	10079165-N1800YYLF	18	3FE60227JFAA	10079165-N3500YYLF	35	3FE60227KRAA	10079165-N7100YYLF	71
3FE60227CEAA	10079165-N0220YYLF	2.2	3FE60227FJAA	10079165-N0760YYLF	7.6	3FE60227GVAA	10079165-N1850YYLF	18.5	3FE60227JGAA	10079165-N3600YYLF	36	3FE60227KSA	10079165-N7250YYLF	72.5
3FE60227CJAA	10079165-N0240YYLF	2.4	3FE60227FKAA	10079165-N0780YYLF	7.8	3FE60227GWAA	10079165-N1950YYLF	19	3FE60227JHAA	10079165-N3700YYLF	37	3FE60227KTA	10079165-N7400YYLF	74
3FE60227CLAA	10079165-N0250YYLF	2.5	3FE60227FLAA	10079165-N0800YYLF	8	3FE60227GYAA	10079165-N1900YYLF	19.5	3FE60227JJAA	10079165-N3800YYLF	38	3FE60227KVAA	10079165-N7550YYLF	75.5
3FE60227CNAA	10079165-N0260YYLF	2.6	3FE60227FMAA	10079165-N0820YYLF	8.2	3FE60227HAAA	10079165-N2000YYLF	20	3FE60227JKAA	10079165-N3900YYLF	39	3FE60227KWAA	10079165-N7700YYLF	77
3FE60227CTAA	10079165-N0280YYLF	2.8	3FE60227FNAA	10079165-N0840YYLF	8.4	3FE60227HBAA	10079165-N2050YYLF	20.5	3FE60227JLAA	10079165-N4000YYLF	40	3FE60227KYAA	10079165-N7850YYLF	78.5
3FE60227DAAA	10079165-N0300YYLF	3	3FE60227FPA	10079165-N0860YYLF	8.6	3FE60227HCAA	10079165-N2100YYLF	21	3FE60227JMAA	10079165-N4100YYLF	41	3FE60227LAAA	10079165-N8000YYLF	80
3FE60227DEAA	10079165-N0320YYLF	3.2	3FE60227FRAA	10079165-N0880YYLF	8.8	3FE60227HDA	10079165-N2150YYLF	21.5	3FE60227JNAA	10079165-N4200YYLF	42	3FE60227LBAA	10079165-N8200YYLF	82
3FE60227DJAA	10079165-N0340YYLF	3.4	3FE60227FSA	10079165-N0900YYLF	9	3FE60227HEAA	10079165-N2200YYLF	22	3FE60227JPAA	10079165-N4300YYLF	43	3FE60227LCAA	10079165-N8400YYLF	84
3FE60227DLAA	10079165-N0350YYLF	3.5	3FE60227FTA	10079165-N0920YYLF	9.2	3FE60227HFAA	10079165-N2250YYLF	22.5	3FE60227JRAA	10079165-N4400YYLF	44	3FE60227LDAA	10079165-N8600YYLF	86
3FE60227DNA	10079165-N0360YYLF	3.6	3FE60227FVAA	10079165-N0940YYLF	9.4	3FE60227HGAA	10079165-N2300YYLF	23	3FE60227KSA	10079165-N4500YYLF	45	3FE60227LEAA	10079165-N8800YYLF	88
3FE60227DTAA	10079165-N0380YYLF	3.8	3FE60227FWAA	10079165-N0960YYLF	9.6	3FE60227HHA	10079165-N2350YYLF	23.5	3FE60227JTA	10079165-N4600YYLF	46	3FE60227LFA	10079165-N9000YYLF	90
3FE60227EAAA	10079165-N0400YYLF	4	3FE60227FYAA	10079165-N0980YYLF	9.8	3FE60227HJAA	10079165-N2400YYLF	24	3FE60227JVAA	10079165-N4700YYLF	47	3FE60227LGA	10079165-N9200YYLF	92
3FE60227ECAA	10079165-N0420YYLF	4.2	3FE60227GAAA	10079165-N1000YYLF	10	3FE60227HKAA	10079165-N2450YYLF	24.5	3FE60227JWAA	10079165-N4800YYLF	48	3FE60227LHAA	10079165-N9400YYLF	94
3FE60227EEAA	10079165-N0440YYLF	4.4	3FE60227GBAA	10079165-N1050YYLF	10.5	3FE60227HLAA	10079165-N2500YYLF	25	3FE60227JYAA	10079165-N4900YYLF	49	3FE60227LJAA	10079165-N9600YYLF	96
3FE60227EFAA	10079165-N0450YYLF	4.5	3FE60227GCAA	10079165-N1100YYLF	11	3FE60227HMAA	10079165-N2550YYLF	25.5	3FE60227KAAA	10079165-N5000YYLF	50	3FE60227LKAA	10079165-N9800YYLF	98
3FE60227EGAA	10079165-N0460YYLF	4.6	3FE60227GDAA	10079165-N1150YYLF	11.5	3FE60227HNAA	10079165-N2600YYLF	26	3FE60227KBAA	10079165-N5150YYLF	51.5	3FE60227LLAA	10079165-NAAAAYLF	100
3FE60227EJAA	10079165-N0480YYLF	4.8	3FE60227GEAA	10079165-N1200YYLF	12	3FE60227HPAA	10079165-N2650YYLF	26.5	3FE60227KCAA	10079165-N5300YYLF	53	3FE60227MBAA	10079165-NAAABYLF	125
3FE60227ELAA	10079165-N0500YYLF	5	3FE60227GFAA	10079165-N1250YYLF	12.5	3FE60227HRAA	10079165-N2700YYLF	27	3FE60227KDAA	10079165-N5450YYLF	54.5	3FE60227MGAA	10079165-NAAACYLF	150
3FE60227ENAA	10079165-N0520YYLF	5.2	3FE60227GGAA	10079165-N1300YYLF	13	3FE60227HSAA	10079165-N2750YYLF	27.5	3FE60227KEAA	10079165-N5600YYLF	56	3FE60227MLAA	10079165-NAAADYLF	170
3FE60227ESAA	10079165-N0550YYLF	5.5	3FE60227GHAA	10079165-N1350YYLF	13.5	3FE60227HTAA	10079165-N2800YYLF	28	3FE60227KFAA	10079165-N5750YYLF	57.5	3FE60227MTAA	10079165-NAAEYLF	200

rev	ecn no	dr	date
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www.fciconnect.com			surface -	tolerance std -	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr Tommy Lin	5/13/2011	ANGULAR	0.X	±-	size A3
Eng Tommy Lin	5/13/2011	LINEAR	0.XX	±-	Scale 2:3
Chr Roger Cheng	5/13/2011	0° ±-	0.XXX	±-	ECN Preliminary
Appr Jackson Wang	5/13/2011	Product family	Metral	Spec ref	-
			title HDXS 72 pair 3 outlet Cable Assembly catalog no -		dwg no 10079165 Rev. C
			Customer		sheet 2 of 4



A



View from mating side of cable connector



Coding explanation

WH	White	BL	Blue
BK	Black	OR	Orange
YE	Yellow	GN	Green
RD	Red	BN	Brown
WH-BL	White-Blue	GY	Gray
VT*	VIOLET		Not Connected

* WH-BL CAN BE REPLACED BY VT DEPENDING ON CABLE FACT STRUCTURE.

B

B

C

C

BLUE bundle 1-24												
	1	2	3	4	5	6	7	8	9	10	11	12
A	1 BL	1 WH		5 GY	5 WH		2 DR	2 WH		6 BL	6 DR	
B		3 GN	3 WH		7 DR	7 RD		4 BN	4 WH		8 GN	8 RD
C		9 BN	9 RD		13 GN	13 BK		10 GY	10 RD		14 BN	14 BK
D		11 BL	11 BK		15 GY	15 BK		12 DR	12 BK		16 BL	16 YE
E		17 DR	17 YE		21 BL	21 VT		18 GN	18 YE		22 DR	22 VT
F		19 BN	19 YE		23 GN	23 VT		20 GY	20 YE		24 BN	24 VT

ORANGE bundle 25-48												
	1	2	3	4	5	6	7	8	9	10	11	12
A	1 BL	1 WH		5 GY	5 WH		2 DR	2 WH		6 BL	6 DR	
B		3 GN	3 WH		7 DR	7 RD		4 BN	4 WH		8 GN	8 RD
C		9 BN	9 RD		13 GN	13 BK		10 GY	10 RD		14 BN	14 BK
D		11 BL	11 BK		15 GY	15 BK		12 DR	12 BK		16 BL	16 YE
E		17 DR	17 YE		21 BL	21 VT		18 GN	18 YE		22 DR	22 VT
F		19 BN	19 YE		23 GN	23 VT		20 GY	20 YE		24 BN	24 VT

GREEN bundle 49-72												
	1	2	3	4	5	6	7	8	9	10	11	12
A	1 BL	1 WH		5 GY	5 WH		2 DR	2 WH		6 BL	6 DR	
B		3 GN	3 WH		7 DR	7 RD		4 BN	4 WH		8 GN	8 RD
C		9 BN	9 RD		13 GN	13 BK		10 GY	10 RD		14 BN	14 BK
D		11 BL	11 BK		15 GY	15 BK		12 DR	12 BK		16 BL	16 YE
E		17 DR	17 YE		21 BL	21 VT		18 GN	18 YE		22 DR	22 VT
F		19 BN	19 YE		23 GN	23 VT		20 GY	20 YE		24 BN	24 VT

D

D

FCI P/N	OD	L (CUT LENGTH)	FOR
10079565-001	ø9mm	755mm	BLUE BUNDLE
10079565-001	ø9mm	793mm	ORANGE BUNDLE
10079565-001	ø9mm	831mm	GREEN BUNDLE
10079565-002	ø25.4mm	70mm	JACKET

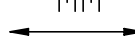
rev	ecn no	dr	date
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www.fciconnect.com			surface - ✓	tolerance std -	projection	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	Tommy Lin	5/13/2011	ANGULAR	0.X			
Eng	Tommy Lin	5/13/2011		0.XX			
Chr	Roger Cheng	5/13/2011	0° ±'	0.XXX			
Appr	Jackson Wang	5/13/2011	Product family		Metral	Spec ref	
			title			dwg no	
			HDXS 72 pair 3 outlet			10079165	
			Cable Assembly				
			catalog no			Customer	
						sheet 3 of 4	

NOTES:

- © 1. Mates with 3 x FCI board connector 10075388-101LF
2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE
 $2M \leq +3\%L$
3. DEFINE THE PART NUMBER SCHEME FOR THE CABLE ASSEMBLY, REFER TO 10076663
4. UNLESS OTHERWISE SPECIFIED ,LABEL POSITION SHALL BE APPROXIMATELY 60MM
FROM REAR OF CONNECTOR
5. UNLESS OTHERWISE SPECIFIED ,LABEL CONTENT SHALL CONTAINS THE BELOW:
- 
 - CUSTOMER P/N
 - YYWW
 - SERIES CODE
6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST
7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED
BY APPLYING DC 500V IF LENGTH IS LESS THAN 100MR, OTHERWISE IS DC 250V FOR MINIMUM OF 0.01S,
CONTACTTION RESISTANCE : $\leq 10Mr$ 5 Ω m; $\leq 20Mr$ 10 Ω m;
 $\leq 40Mr$ 15 Ω m; $\leq 60Mr$ 20 Ω m; $\leq 100Mr$ 30 Ω m; $\leq 200mr$ 50 Ω m
- INSULATION RESISTANCE 20 M Ω m. UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
8. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION
9. CABLE ASSEMBLIES SHALL WITHSTAND AN AXIAL LOAD OF 200N AT A RATE OF 25.4mm/Min,
CABLE IS NOT MOED OUT OF METAL COVER.
10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS
AS DESCRIBED IN GS-22-008
11. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL.
REFERENCE CONNECTOR ASSEMBLY DRAWING FOR COMPLETE DETAILS.
12. GLOBAL STANDARDS FOR CABLE PACKAGING: GS-14-1093
13. MATERIALS: N/A
14. THIS DIMENSION IS A FINISHED PRODUCT LENGTH

rev	ecn no	dr	date
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www.fciconnect.com			surface - ✓	tolerance std -	projection 	mm 
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
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Eng	Tommy Lin	5/13/2011		0.XX	±-	Scale 2:3
Chr	Roger Cheng	5/13/2011	0° ±-	0.XXX	±-	ECN Preliminary
Appr	Jackson Wang	5/13/2011	Product family		Metral	Spec ref -
			title HDXS 72 pair 3 outlet			Rev. C
			Cable Assembly			
			catalog no	-	Customer	sheet 4 of 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[10079165-N1500YYLF](#) [10079165-N3000YYLF](#) [10079165-N0500YYLF](#) [10079165-N4000YYLF](#) [10079165-N1000YYLF](#) [10079165-N3500YYLF](#) [10079165-N5000YYLF](#) [10079165-N6050YYLF](#) [10079165-N7100YYLF](#) [10079165-N8000YYLF](#)