Series image - Reference only

EU RoHS	China RoHS
ELV and RoHS Compliant	

Search Parts in this Series
84702 Series

Mates With
847000001 Modular Jack
EtherNet/IP™ PCB Mount Receptacle Jack 847020005, 847020007
EtherNet/IP™ Punchdown Panel Mount Receptacle Jack 847020006, 847020008

Part Number:0847021003

Status:Active **Overview:RJ-45 Ethernet**

Description: EtherNet/IP™ Plug, RJ-45 Double End Bayonet Style, 0.91m

General

Product Family	Cable Assemblies
Series	84702
Comments	Industrial Type, Gray Cable, Black Overmold
Connector to Connector	RJ45 to RJ45
Overview	RJ-45 Ethernet
Product Name	Industrial
Product Name	RJ45

Physical

Cable Length	0.91m (3.0')
Circuits (Loaded)	8/8
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Resin	Polyester
Material - Resin	PVC
Packaging Type	Bag
Single Ended	No
Termination Interface: Style	N/A
Wire Insulation Diameter	N/A
Wire Size AWG	24
Wire/Cable Type	Round

Electrical

Current - Maximum	1.500 Amp
Shielded	Yes
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

MATERIAL NO.	FINISHED LENGTH
847021001	1'0" +1/4"-0 [.3M +6.4mm-0]
847021003	3'0" +3/4"-0 [.9M +19mm-0]
847021006	6'0" +1 1/2"-0 [1.8M +38mm-0]
847021007	7'0" +1 3/4"-0 [2.1M +44mm-0]
847021009	9' 0" +2 1/2"-0 [2.74M +64mm -0]
847021010	10' 0" +2 1/2"-0 [3.0M +64mm-0]
847021012	12' 0"+3"-0 [3.7M +76mm-0]
847021015	15' 0" +3 3/4"-0 [4.6M +95mm-0]
847021016	16' 5" +4.0"-0 [5.0M +102mm-0]
847021020	20' 0" +5"-0 [6.1M +127mm-0]
847021021	21' 0" +5 1/4"-0 [6.4M +133mm-0]
847021030	30' 0" +6"-0 [9.1M +152MM-0]

AUX. VIEW (G)
2X SCALE

LENGTH (SEE CHART)

2.28 / 57.8 TYP.

1.07 / 27.2 TYP.

CIR.1
CIR.8

ø 1.28 / 32.5 TYP.

ø .78 / 19.9 TYP.
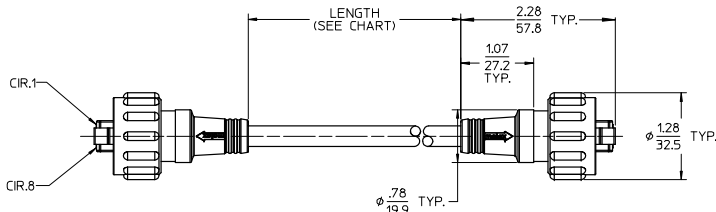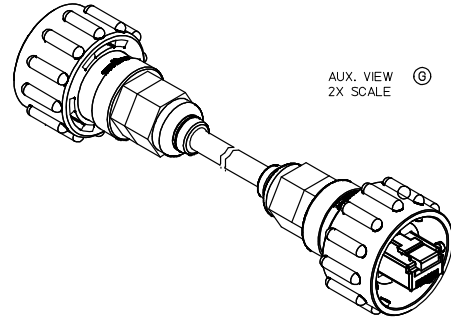
NOTES:
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: PPS.84.006
4. MATES WITH BAYONET STYLE RJ-45 JACK ASSEMBLIES
5. CABLE IS UL RATED TYPE MPR/CMR
6. COUPLING RING AND HOLDER MEET UL 746C/UV
7. ASSEMBLY IS RoHS COMPLIANT.

P2

ø .36 / 9.1 TYP.

ø .25 / 6.4

.53 / 13.4 REF.

P1

CIR.1
CIR.8
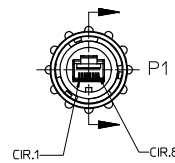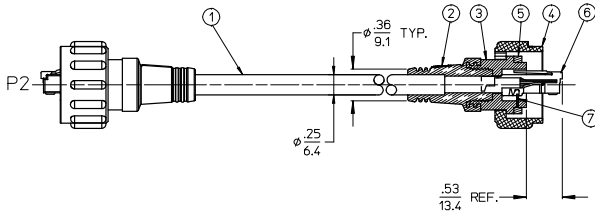
P2			P1
1	WHITE-ORANGE		1
2	ORANGE		2
3	WHITE-GREEN		3
4	BLUE		4
5	WHITE-BLUE		5
6	GREEN		6
7	WHITE-BROWN		7
8	BROWN		8
RJ-45 PLUG 9	DRAIN		9 RJ-45 PLUG

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
7	2	WEDGE	POLYESTER	BLACK
6	2	RJ-45 PLUG, SHEILDED	PER VENDOR SPEC.	GOLD PL. CONTACTS
5	2	GASKET SEAL	NITRILE	BLACK
4	2	RJ-45 COUPLING RING	POLYESTER	BLACK
3	2	RJ-45 HOLDER	POLYESTER	BLACK
2	2	OVERMOLD BODY	PVC	BLACK
1	SEE CHART	CABLE, UTP, 4P, 24 AWG, CAT 6	PVC JACKET	BLACK

ADD 847021016, REV'D AUX
EC NO: ETC2008-0113
DRWN:RSTONE 2007/11/16
CHKD:J. MURPHY 2007/12/05
APPR: JMCNEIL 2007/12/05

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH

THIRD ANGLE PROJECTION

TITLE
CORD ASSEMBLY, RJ-45 MALE BAYONET DBL ENDED, CIC INDUSTRIAL ETHERNET

DRAWN BY SGILBERT 2003/08/18
CHECKED BY PWALTZ 2003/08/18
APPROVED BY GROBERTSON 2003/08/18

molex
MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-84702-001
SHEET NO. 1 OF 1

SIZE C

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tb_frame_C_P_ME_T
Rev. E 2006/04/15