Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

METZ CONNECT
We realize ideas

Data sheet

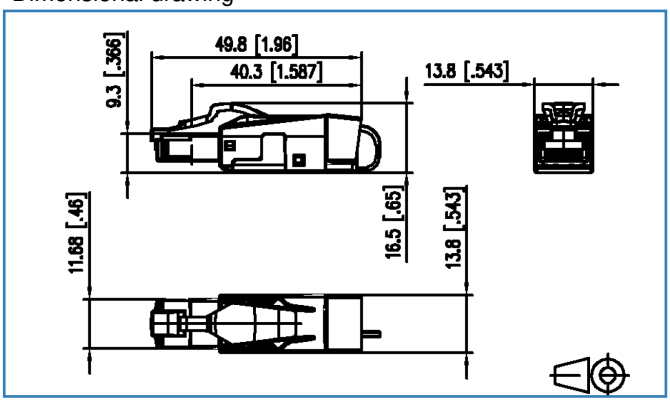
$C6_A$ RJ45 field plug pro

P/N 130E405032-E
EAN 4250184180593

2017-09-10

Illustrations

Dimensional drawing



See enlarged drawings at the end of document

GHMT c UL US LISTED

Product specification

- Cat.6_A class E_A RJ45 plug to be assembled in the field
- fully shielded and multi-port capable
- straight (180°) cable feed
- easy assembly - connection without special tools
- wire connection: stranded wire AWG 27/7 to 22/7, wire diameter from 0.46 to 0.76 mm
- wire connection: solid wire AWG 26/1 to 22/1, wire diameter from 0.4 to 0.64 mm
- transmission characteristics Cat.6_A per ISO/IEC 11801 Ed.2.2:2011-06
- compliance with class E_A to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- degree of protection IP20
- for cable jacket diameter from 5.5 to 10.5 mm
- zinc die-cast housing for industrial use consists of only 2 parts
- strain relief by latching clip directly on the stuffer cap
- protected locking hook
- reconnectable

METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany
Phone +49 7702 533-0 | Fax +49 7702 533-433
Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

RIA CONNECT BTR NETCOM

Data sheet

C6$_A$ RJ45 field plug pro

P/N 130E405032-E
EAN 4250184180593

2017-09-10

Technical Data

General Data	
Fields of application	
	Structured building cabling
Design	Plugs
Shielding	shielded
Transmission technology	Copper
Color	black
Dimensions	
Dimension (L x W x H)	49.80 x 13.8 x 16.50 mm
Dimension (L x W x H)	1.961 x 0.543 x 0.65 in.
Field assembly ability	yes
Multi-port capability	yes
Labeling option	on housing
Marking option	by latching clip

Transmission characteristics	
Category (ISO)	6$_A$
Class (ISO/IEC)	E$_A$
Category (TIA)	6A
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 10 GBit	IEEE 802.3an

Connections/interfaces	
Connector technology interface 1	IDC-connection
Connector technology interface 2	RJ45 plug
Number of ports interface 2	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8
Number of positions/contacts interface 2	8P/8C

Data sheet

$C6_A$ RJ45 field plug pro

P/N 130E405032-E
EAN 4250184180593

2017-09-10

Technical Data

Connections/interfaces	
Termination data, solid wire (min. - max.)	
Conductor cross section, solid wire	AWG 26/1 - 22/1
Conductor cross section, solid wire	0.128 - 0.324 mm²
Conductor diameter, solid wire (bare copper)	0.409 - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 - 0.025 in.
Termination data, stranded wire (min. - max.)	
Conductor cross section, stranded wire	AWG 27/7 - 22/7
Conductor cross section, stranded wire	0.111 - 0.355 mm²
Conductor diameter, stranded wire (bare copper)	0.457 - 0.762 mm
Conductor diameter, stranded wire (bare copper)	0.018 - 0.030 in.
Cable sheath diameter (min. - max.)	
Cable sheath diameter	5.50 - 10.50 mm
Cable sheath diameter	0.217 - 0.413 in.
Cable access/outlet	180°
Reconnectibility	yes, if cross section is greater or the same
Shield connection	flexible contact spring

Electrical characteristics	
Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	1000 V DC
Dielectric strength conductor-shield	1500 V DC

Mechanical characteristics	
Mounting method	snap-in function
Insertion and withdrawal force	max. 20 N
Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top
strain relief	latching clip

Data sheet

C6$_A$ RJ45 field plug pro

P/N 130E405032-E
EAN 4250184180593

2017-09-10

Technical Data

Materials and material properties	
Material - Housing	GD-Zn (zinc die-cast)
Material - Contact	CuSn (tin bronze)
Material - Contact finish	Ni + Au (nickel-gold)
Material - Latch	Plastics
Material - Finish	Ni (nickel)

Environmental conditions	
Temperature (min. - max.)	
Temperature - Storage °C	-40 - 85 °C
Temperature - Storage °F	-40 - 185 °F
Temperature - Operating °C	-40 - 85 °C
Temperature - Operating °F	-40 - 185 °F
Particulate ingress	IP2X
Liquid ingress/immersion	IPX0
Electromagnetic measurement	E_2

Certifications	
GHMT Component	
GHMT component - Validity period	28.02.2019

Approvals	
CE	compliant
RoHS	compliant
UL listed (file no.)	DUXR.E178484

Data sheet

C6$_A$ RJ45 field plug pro

P/N 130E405032-E
EAN 4250184180593

2017-09-10

Technical Data

The product meets the following standards	
Generic cabling systems	
General requirements	ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-1:2011-09 TIA/EIA 568-C
Office buildings	ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-2: 2011-09 TIA/EIA 568-C
Industrial area	ISO/IEC 24702 | DIN EN 50173-3: 2011-09 TIA/EIA 1005
Living units	ISO/IEC 15018 | DIN EN 50173-4: 2011-09 TIA/EIA 570-B
Application-specific communications cabling systems	
Profinet	yes
Industrial communication networks - Installation of communication networks in industrial premises	IEC 61918
Connectors for electronic equipment	
Free and fixed connectors	IEC 60603-7-51
Interference proof	
Immunity for industrial environments	DIN EN 61000-6-2:2006-03
Emission proof	
Electromagnetic emission for residential, commercial and light-industrial environments	DIN EN 61000-6-3:2011-09
Railway applications	
Electronic equipment used on rolling stock	DIN EN 50155
Fire protection on railway vehicles	DIN EN 45545-2

Classifications	
ETIM 5.0	EC001121
ETIM 6.0	EC001121

Packing details	
Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	413.00 g
Packaging unit - Weight (pound)	0.91 lb
Packaging dimension (W x H x D)	247.00 x 161.00 x 58.00 mm
Packaging dimension (W x H x D)	9.724 x 6.339 x 2.283 in.

Data sheet
C6$_A$ RJ45 field plug pro

P/N
130E405032-E
EAN 4250184180593

2017-09-10

Illustrations

Dimensional drawing