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 [Region](#) **USA** [Product Family](#) **Insulated Ferrules – Single Wire DIN End Sleeve** [Text Search](#): 'FSD78-10-D'

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These products terminate stranded wire for insertion into terminal blocks and provide superior termination performance. A wide assortment of ferrule styles and tool designs provides panel shops, OEM's, electrical distributors and end users with a proven way to make reliable connections at a lower installed cost.

- Polypropylene insulation housing conforms to DIN color requirements
- Meets DIN standards for single wire containment
- Funnel entry for faster insertion and lower installed cost
- Designed with a seamless barrel to contain loose wire strands for superior terminations
- Eases insertion of wire into terminal block
- Suitable for limited space panel applications
- Multiple pin lengths available for a variety of terminal blocks

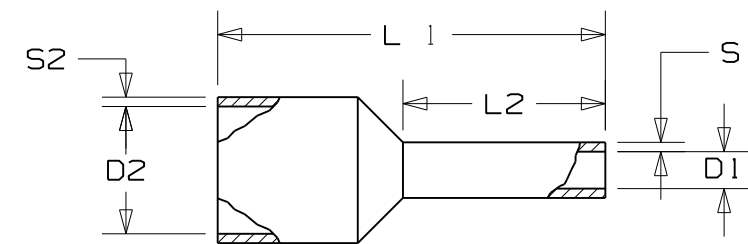
Part Number:	FSD78-10-D
RoHS Compliancy Status:	Compliant
Part Description:	Polypropylene insulated ferrules – single wire DIN end sleeve.
Length (In.):	.65
Length (mm):	16.5
Max. Wire Insul. Dia. (In.):	.12
Panduit Color Code:	Black
Pin Length (In.):	.39
Pin Length (mm):	10.0
Tool:	CT-1002, CT-1003, CT-1123
Wire Range:	16 AWG
Wire Range (mm ²):	1.5
Wire Strip Length (In.):	17/32
Wire Strip Length (mm):	13.5
Min. Order UOM:	PC
Min. Order Qty.:	500
BOM Qty. (# of Pkgs.)	

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PART NO	WIRE RANGE (mm ²) AWG	COLOR	STRIP LENGTH (. . . 0, 79)	L1	L2	D1	S1	D2	S2	INSTALLATION TOOLS
FSD72-6-D	(0,14) 26	GRAY	(9,5) 3/8	(10,5) .41	(6,0) .24	(0,8) .03	(.25)	(2,0) .07	(.25)	CT-1002
FSD72-8-D			(11,9) 15/32	(12,5) .49	(8,0) .31	(0,8) .03	(.25)	(2,0) .07	(.25)	
FSD73-6-D	(0,25) 24	YELLOW	(9,5) 3/8	(10,5) .41	(6,0) .24	(0,8) .03	(.25)	(2,0) .07	(.25)	CT-1123
FSD73-8-D			(11,9) 15/32	(12,5) .49	(8,0) .31	(0,8) .03	(.25)	(2,0) .07	(.25)	
FSD74-6-D	(0,34) 24	TURQUOISE	(9,5) 3/8	(10,5) .41	(6,0) .24	(0,8) .03	(.25)	(2,0) .07	(.25)	CT-1002
FSD74-8-D			(11,9) 15/32	(12,5) .49	(8,0) .31	(0,8) .03	(.25)	(2,0) .07	(.25)	
FSD75-6-D	(0,50) 22	WHITE	(9,5) 3/8	(11,5) .45	(6,0) .24	(1,1) .04	(.15)	(2,5) .09	(.25)	CT-1002
FSD75-8-D			(11,9) 15/32	(13,5) .53	(8,0) .31	(1,1) .04	(.15)	(2,5) .09	(.25)	
FSD75-10-D			(13,5) 17/32	(15,5) .61	(10,0) .39	(1,1) .04	(.15)	(2,5) .09	(.25)	
FSD76-6-D	(0,75) 20	GRAY	(9,5) 3/8	(12,0) .47	(6,0) .24	(1,3) .05	(.15)	(2,8) .11	(.25)	CT-1002
FSD76-8-D			(11,9) 15/32	(14,0) .55	(8,0) .31	(1,3) .05	(.15)	(2,8) .11	(.25)	
FSD76-10-D			(13,5) 17/32	(16,0) .63	(10,0) .39	(1,3) .05	(.15)	(2,8) .11	(.25)	
FSD76-12-D			(15,9) 5/8	(18,0) .71	(12,0) .47	(1,3) .05	(.15)	(2,8) .11	(.25)	
FSD77-6-D	(1) 18	RED	(9,5) 3/8	(12,5) .49	(6,0) .24	(1,5) .06	(.15)	(3,0) .12	(.30)	CT-1003
FSD77-8-D			(11,9) 15/32	(14,5) .57	(8,0) .31	(1,5) .06	(.15)	(3,0) .12	(.30)	
FSD77-10-D			(13,5) 17/32	(16,5) .65	(10,0) .39	(1,5) .06	(.15)	(3,0) .12	(.30)	
FSD77-12-D			(15,9) 5/8	(18,5) .73	(12,0) .47	(1,5) .06	(.15)	(3,0) .12	(.30)	
FSD78-6-D	(1,50) 16	BLACK	(9,5) 3/8	(12,5) .49	(6,0) .24	(1,8) .07	(.15)	(3,0) .12	(.30)	CT-1123
FSD78-8-D			(11,9) 15/32	(14,5) .57	(8,0) .31	(1,8) .07	(.15)	(3,0) .12	(.30)	
FSD78-10-D			(13,5) 17/32	(16,5) .65	(10,0) .39	(1,8) .07	(.15)	(3,0) .12	(.30)	
FSD78-12-D			(15,9) 5/8	(18,5) .73	(12,0) .47	(1,8) .07	(.15)	(3,0) .12	(.30)	
FSD78-18-D			(22,2) 7/8	(24,5) .96	(18,0) .71	(1,8) .07	(.15)	(3,0) .12	(.30)	

PART NO	WIRE RANGE (mm ²) AWG	COLOR	STRIP LENGTH (. . . 0, 79)	L1	L2	D1	S1	D2	S2	INSTALLATION TOOLS
FSD79-8-D	(2,08) 14	YELLOW	(11,9) 15/32	(14,5) .57	(8,0) .31	(2,1) .08	(.15)	(3,6) .14	(.30)	CT-1002
FSD80-8-D	(2,50) 14	BLUE	(11,9) 15/32	(15,0) .59	(8,0) .31	(2,3) .09	(.15)	(4,2) .17	(.30)	
FSD80-12-D			(15,9) 5/8	(19,0) .75	(12,0) .47	(2,3) .09	(.15)	(4,2) .17	(.30)	CT-1003
FSD80-18-D	(22,2) 7/8	(25,0) .98	(18,0) .71	(2,3) .09	(.15)	(4,2) .17	(.30)	CT-1123		
FSD81-10-D	(4) 12	GRAY	(13,5) 17/32	(17,5) .69	(10,0) .39	(2,9) .11	(.20)		(4,8) .19	(.30)
FSD81-12-C			(15,9) 5/8	(20,0) .79	(12,0) .47	(2,9) .11	(.20)	(4,8) .19	(.30)	
FSD81-18-C			(22,2) 7/8	(26,0) 1.02	(18,0) .71	(2,9) .11	(.20)	(4,8) .19	(.30)	
FSD82-12-C	(6) 10	YELLOW	(15,9) 5/8	(20,0) .79	(12,0) .47	(3,6) .14	(.20)	(6,2) .24	(.30)	CT-1003
FSD82-18-C			(22,2) 7/8	(26,0) 1.02	(18,0) .71	(3,6) .14	(.20)	(6,2) .24	(.30)	
FSD83-12-C	(10) 8	RED	(15,9) 5/8	(21,0) .83	(12,0) .47	(4,6) .18	(.20)	(7,5) .30	(.30)	CT-1123
FSD83-18-C			(22,2) 7/8	(27,0) 1.06	(18,0) .71	(4,6) .18	(.20)	(7,5) .30	(.30)	
FSD84-12-C	(16) 6	BLUE	(15,9) 5/8	(23,0) .91	(12,0) .47	(6,0) .24	(.20)	(8,8) .35	(.40)	CT-1004
FSD84-18-C			(22,2) 7/8	(29,0) 1.14	(18,0) .71	(6,0) .24	(.20)	(8,8) .35	(.40)	
FSD85-16-L	(25) 4	YELLOW	(19,1) 3/4	(29,0) 1.14	(16,0) .63	(7,5) .30	(.20)	(11,0) .43	(.50)	CT-1005
FSD85-18-L			(22,2) 7/8	(31,0) 1.22	(18,0) .71	(7,5) .30	(.20)	(11,0) .43	(.50)	
FSD85-22-L			(25,4) 1	(35,0) 1.38	(22,0) .87	(7,5) .30	(.20)	(11,0) .43	(.50)	
FSD86-16-L	(35) 2	RED	(19,1) 3/4	(30,0) 1.18	(16,0) .63	(8,5) .33	(.20)	(12,5) .49	(.50)	CT-1006
FSD86-18-L			(22,2) 7/8	(32,0) 1.26	(18,0) .71	(8,5) .33	(.20)	(12,5) .49	(.50)	
FSD86-25-L			(28,6) 1-1/8	(39,0) 1.26	(25,0) .98	(8,5) .33	(.20)	(12,5) .49	(.50)	
FSD87-20-L	(50) 1	BLUE	(23,8) 15/16	(36,0) 1.42	(20,0) .79	(10,5) .41	(.30)	(15,0) .59	(.60)	CT-1006
FSD87-25-0			(28,6) 1-1/8	(41,0) 1.61	(25,0) .98	(10,5) .41	(.30)	(15,0) .59	(.60)	



NOTES:

- MATERIAL:
 - A. STAMPING - COPPER, TIN PLATED
 - B. HOUSING - POLYPROPYLENE, COLOR CODED
- DIMENSIONS IN BRACKETS ARE IN mm OR mm²
- FOR TOLERANCING REFER TO DIN 46228 PART 4
- PACKAGE QTY.:
 - Q=25
 - L=50
 - C=100
 - D=500

A41667_06

CAD FILENAME/LAYERS A41667

REV	DATE	BY	CHK	DESCRIPTION	ECN #	PM	CUST
06	01/08	JESH	LCA	UPDATED DRAWING PER DIN STANDARD		JESH	LCA
05	4/07	BCT	BCT	MODIFIED PART LENGTH TO 'L'; MODIFIED MAX. WIRE INSUL. DIA. TO 2 DECIMAL PLACES	TRO0252	TRO	LCA
04	10/05	DAW	DAW	MAX INSUL DIA COLUMN WAS 10-2. UPDATED ALL MAX INSULATION DIAMETERS.	TRO0027		
03	1/01	EJS	SKB	ADDED PACKAGE CODE TO PART NUMBER, ADDED NOTE 4	08912	CCH	JAC
02	3/99	JKD	SKB	WIRE RANGE FOR CT-1003 TOOL WAS 14-8 AWG	07519	TRO	JCJ
01	3/99	JKD	SKB	WIRE RANGE WAS 22 FOR FSF74-6 & -8, 20 FOR FSF75-6, -8 & -10	07488	TRO	JCJ
00	2/99	JKD	SKB	RELEASED	07459	TRO	JCJ
REV	DATE	BY	CHK	DESCRIPTION	ECN #	PM	CUST

PANDUIT CORP TINLEY PARK, ILLINOIS

FERRULE - SINGLE WIRE (DIN)

UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE:
 (.X) ± (.XXX) ±
 (.XX) ± ANGLES ±

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE GIVEN IN INCHES, THIRD ANGLE PROJECTION

SCALE NONE

DRAWN BY JKD DATE 2/9/99

CHK'D SKB

DRAWING NO. A41667 DWG SIZE B