

Environmental connectors / Ordering information

Basic Series	851	00	E	8	3A	P	-	50	--
Shell type: 00 square flange receptacle accepting backshells 01 in line receptacle 02 square flange receptacle not accepting backshells 07 jam nut receptacle accepting backshells 06 plug for use with straight backshells 08 plug for use with 90° backshells 36 shielded plug for use with straight backshells									
Backshell type: Solder Crimp A RA straight adaptor EC RC straight cable clamp for solder contacts EC RC 90° cable clamp AC straight cable clamp without grommet E R backnut G RG straight removable backshell for screen termination and heatshrink sleeving J straight backshell with sealing gland and cable clamp JC straight backshell with sealing gland L long metallic adaptor and plastic cable gland - Shell size 08 to 16 M RM square flange receptacle not accepting backshells NL long metallic adaptor and plastic cable gland with spiral protector - Shell size 08 to 16 NS short metallic adaptor and plastic cable gland with spiral protector - Shell size 08 to 16 P RP straight backshell for potting P RP 90° backshell for potting S short metallic adaptor and plastic cable gland - Shell size 08 to 16 T RT straight backshell for heatshrink sleeving U RU short backshell for screen termination and heatshrink sleeving Z RZ straight adaptor for electrical pitch access									
Shell size: 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24									
Contacts layout: see pages 14 & 15									
Contact type: P male S female									
Orientation: Normal (not included in part number). For others note: W, X, Y, Z - see table page 76									
Obligatory suffix B crimp version without clip for layouts 8-2, 8-3, 8-4, & 12-14, gold plated all over the contact 50 Crimp type contact: Gold plated, all sizes Solder type contact: - Size 20, gold plated active area, tin plated termination area, except for layouts 8-2, 8-3, 8-4, & 12-14 gold plated all over the contact - Size 16 and mix layouts (size 20 & 16), gold plated all over the contact. 51 solder type contact (only size 20, gold plated all over the contact) 54 black zinc nickel plating (contacts as per suffix 50) 57 black zinc nickel plating (contacts as per suffix 51)									
Specification (without specification: olive green cadmium plating) 29 black anodized plating (solder type contacts) 031 black anodized plating (crimp type contacts) 44 nickel plating 66 crimp version: delivered without backshell and conical ring solder version: delivered without backshell, conical ring and grommet									

Cadmium
plating
without
specification

Hermetic connectors / Ordering information

Basic Series	851	02H	8	3A	P	-	50
Shell type:							
02H square flange receptacle not accepting backshells							
07H jam nut receptacle not accepting backshells							
IH solder fixing receptacle not accepting backshells							
Shell size:							
8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24							
Contacts layout:							
see pages 14 & 15							
Contact type:							
P male							
Orientation:							
Normal (not included in part number). For others note: W, X, Y, Z - see table page 76							
Obligatory suffix							
50 Gold plating for contacts #20 & #16							
Specification (without specification: 02H and 07H yellow cadmium plating, IH nickel plating)							
44 02H and 07H nickel plating							

PC Tail connectors / Ordering information

Basic Series	851	02E	8	3A	P	-	5016
Shell type:							
02E square flange receptacle not accepting backshells							
07A jam nut receptacle not accepting backshells							
Shell size:							
8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24							
Contacts layout:							
see pages 14 & 15							
Contact type:							
P male S female							
Orientation:							
Normal (not included in part number). For others note: W, X, Y, Z - see table page 76							
Specification							
5016 olive drab cadmium plating, shouldered PC tail type contact*							
5116 olive drab cadmium plating, shouldered PC tail type contact (only size 20, gold plated all over the contact)							
5416 black zinc nickel plating*							
5716 black zinc nickel plating (only size 20, gold plated all over the contact)							
5045 nickel plating, shouldered PC tail type contact*							
5145 nickel plating, shouldered PC tail type contact (only size 20, gold plated all over the contact)							
50F9 black anodized plating, shouldered PC tail type contact*							
51F9 black anodized plating, shouldered PC tail type contact (only size 20, gold plated all over the contact)							
50A7 olive drab cadmium plating, not shouldered PC tail type contact (gold plated all over the contact)							
50G9 nickel plating, not shouldered PC tail type contact (gold plated all over the contact)							

*- Size 20, gold plated active area, tin plated termination area, except for layouts 8-2, 8-3, 8-4, & 12-14 gold plated all over the contact
 - Size 16, gold plated all over the contact, same for mix layouts (size 20 & 16)