

# AMPHENOL Miniature Cylindrical Connectors

Amphenol®

## PT SERIES SOLDER TYPE (MIL-DTL-26482, SERIES 1) (CONT.)

How to build a standard Amphenol PT series part number:

Contact Specifications

Contact Size	Test Current	Maximum Milivolt Drop†	Solder Well Diameter	Solder Well Depth	Wire Gauge (AWG)
20	7.5A	55	0.046"	0.125"	20-24
16	13A	50	0.078"	0.188"	16-22

† Silver plated wire per MIL-C-26482

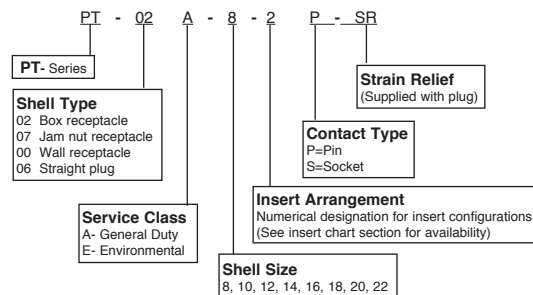
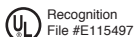
Service Ratings

Service Class	Recommended Operating AC Voltage @ Sea Level	Test Voltage AC (RMS), 60 cps			
		Sea Level	50,000 ft.	70,000 ft.	110,000 ft.
I	600	1,500	500	375	200
II	1,000	2,300	750	500	200

RoHS versions are available. Please contact your Mouser Sales Representative.

Contact Legend:

- #16
- #20



Circular Connectors Amphenol

Insert Arrangements (Front View of Pin Insert)

(Drawings Not to Scale)

Insert Arrangement	8-2	8-3	12-3	8-4	12-4	14-5	10-6	10-98	12-8
Contacts	2 #20	3 #20	3 #16	4 #20	4 #16	5 #16	6 #20	6 #20	8 #20
Service Rating	I	I	II	I	I	II	I	I	I
Insert Arrangement	16-8	12-10	18-11	14-12	14-15				
Contacts	8 #16	10 #20	11 #16	8 #20 4 #16	14 #20 1 #16				
Service Rating	II	I	II	I	I				
Insert Arrangement	14-18	14-19	22-21	16-23					
Contacts	18 #20	19 #20	21 #16	22 #20 1 #16					
Service Rating	I	I	II	I					
Insert Arrangement	20-27	18-32	20-41	22-55					
Contacts	27 #20	32 #20	41 #20	55 #20					
Service Rating	I	I	I	I					