

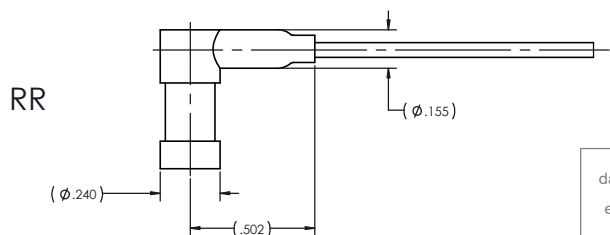
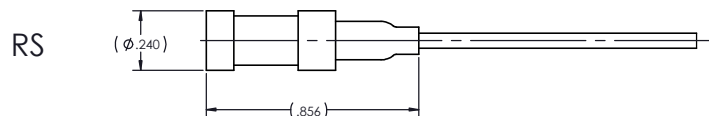
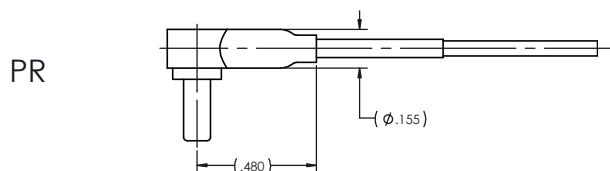
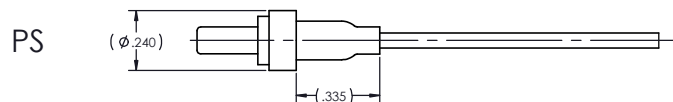
PWR - PS - 2D 012 - PS

1 2 3 4

1. P1 CONNECTOR

AVAILABLE CONNECTOR OPTIONS ARE DEFINED BELOW:

CONNECTOR DESIGNATOR	CONNECTOR DESCRIPTION
PS	PLUG, STRAIGHT
PR	PLUG, RIGHT ANGLE
RS	RECEPTACLE, STRAIGHT
RR	RECEPTACLE, RIGHT ANGLE



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2. WIRE TYPE

WIRE TYPE OPTIONS ARE LISTED IN TABLE BELOW

WIRE DESIGNATOR	WIRE DESCRIPTION	WIRE COLOR	WIRE P/N
NC	Ø .060 FEP INSULATED 24 AWG, ETCHED SURFACE	NATURAL	178-8524
2D	Ø .070 FEP INSULATED 24 AWG, SILICONE COATED	RED	700717
9D		WHITE	
0D		BLACK	
NE	Ø .050 FEP INSULATED 24 AWG, ETCHED SURFACE WITH NOMEX JACKET	NATURAL	178-8118
2F	Ø .060 FEP INSULATED 24 AWG, SILICONE COATED WITH NOMEX JACKET	RED	178-5789
9F		WHITE	
0F		BLACK	

ALTERNATIVE CABLE COLORS: ALTERNATIVE CABLE COLORS ARE AVAILABLE UPON REQUEST

3. ASSEMBLY LENGTH

ASSEMBLY LENGTH IS SPECIFIED IN INCHES WITH A 3 DIGIT NUMBER.

EXAMPLE: PWR-PS-NC018-PS IS A DOUBLE ENDED PLUG ASSEMBLY WITH Ø .060 ETCHED FEP WIRE AND LENGTH OF 18 INCHES.

LENGTH TOLERANCE FOR ALL STANDARD PWR ASSEMBLIES IS ± 1.00 IN.

4. P2 CONNECTOR

P2 CONNECTOR CAN BE SAME AS P1 CONNECTOR OR "00" FOR FLYING LEAD

OPERATING PARAMETERS:

- 12 KVDC UP TO 70,000 FT (-55°C TO 125°C)
- 18 KVDC UP TO 10,000 FT (10°C TO 40°C)

ADDITIONAL NOTES:

- **ORDERING INFO:** USE THE PART NUMBERING SCHEME AS DEFINED IN THE DOCUMENT
- **CUSTOMIZATION:** CUSTOMIZED ASSEMBLIES ARE POSSIBLE UPON REQUEST
- **QUALIFICATION:** SEE MDPWR-QUAL FOR QUALIFICATION TEST SUMMARY

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TITLE	MARKETING DRAWING, PEE-WEE RUGGEDIZED (PWR)
DRAWING No.	MDPWR-STANDARD
EO:	J. BARCZA: 12-06-19